


STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING				FORM 3 AMENDED REPORT <input type="checkbox"/>		
<b>APPLICATION FOR PERMIT TO DRILL</b>				<b>1. WELL NAME and NUMBER</b> Tumbleweed 19-1		
<b>2. TYPE OF WORK</b> DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>				<b>3. FIELD OR WILDCAT</b> FLAT ROCK		
<b>4. TYPE OF WELL</b> Gas Well <input type="checkbox"/> Coalbed Methane Well: NO <input type="checkbox"/>				<b>5. UNIT or COMMUNITIZATION AGREEMENT NAME</b> TUMBLEWEED		
<b>6. NAME OF OPERATOR</b> STEWART PETROLEUM CORP				<b>7. OPERATOR PHONE</b> 303 799-1922		
<b>8. ADDRESS OF OPERATOR</b> 475 17th Street Ste 790, Denver , CO, 80202				<b>9. OPERATOR E-MAIL</b> dsteward@stewartpetroleum.com		
<b>10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE)</b> UTU-72018		<b>11. MINERAL OWNERSHIP</b> FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>		<b>12. SURFACE OWNERSHIP</b> FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>		
<b>13. NAME OF SURFACE OWNER (if box 12 = 'fee')</b>				<b>14. SURFACE OWNER PHONE (if box 12 = 'fee')</b>		
<b>15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')</b>				<b>16. SURFACE OWNER E-MAIL (if box 12 = 'fee')</b>		
<b>17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')</b>		<b>18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS</b> YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>		<b>19. SLANT</b> VERTICAL <input type="checkbox"/> DIRECTIONAL <input checked="" type="checkbox"/> HORIZONTAL <input type="checkbox"/>		
<b>20. LOCATION OF WELL</b>	<b>FOOTAGES</b>	<b>QTR-QTR</b>	<b>SECTION</b>	<b>TOWNSHIP</b>	<b>RANGE</b>	<b>MERIDIAN</b>
<b>LOCATION AT SURFACE</b>	1663 FSL 673 FEL	NESE	18	15.0 S	21.0 E	S
<b>Top of Uppermost Producing Zone</b>	1663 FSL 673 FEL	NESE	18	15.0 S	21.0 E	S
<b>At Total Depth</b>	249 FNL 559 FEL	NENE	19	15.0 S	21.0 E	S
<b>21. COUNTY</b> UINTAH		<b>22. DISTANCE TO NEAREST LEASE LINE (Feet)</b> 673		<b>23. NUMBER OF ACRES IN DRILLING UNIT</b> 40		
		<b>25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed)</b> 40		<b>26. PROPOSED DEPTH</b> MD: 12216 TVD: 12000		
<b>27. ELEVATION - GROUND LEVEL</b> 7224		<b>28. BOND NUMBER</b> UTB000251		<b>29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE</b> 49-123 (A8815) DeLambert		
<b>ATTACHMENTS</b>						
<b>VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES</b>						
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER			<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN			
<input type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)			<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER			
<input checked="" type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)			<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP			
<b>NAME</b> Don Hamilton		<b>TITLE</b> Agent		<b>PHONE</b> 435 719-2018		
<b>SIGNATURE</b>		<b>DATE</b> 12/18/2010		<b>EMAIL</b> starpoint@etv.net		
<b>API NUMBER ASSIGNED</b> 43047514210000		<b>APPROVAL</b>  Permit Manager				

Proposed Hole, Casing, and Cement						
String	Hole Size	Casing Size	Top (MD)	Bottom (MD)		
P2	7.875	5.5	0	12074		
Pipe	Grade	Length	Weight			
	Grade P-110 LT&C	2000	17.0			

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Proposed Hole, Casing, and Cement						
String	Hole Size	Casing Size	Top (MD)	Bottom (MD)		
Prod	7.875	5.5	0	10000		
Pipe	Grade	Length	Weight			
	Grade N-80 LT&C	10000	17.0			

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Proposed Hole, Casing, and Cement						
String	Hole Size	Casing Size	Top (MD)	Bottom (MD)		
Surf	12.25	9.625	0	2000		
Pipe	Grade	Length	Weight			
	Grade K-55 LT&C	2000	36.0			

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**DIRECTIONAL DRILLING PLAN****Attachment for Permit to Drill**

**Name of Operator:** Stewart Petroleum Corporation  
**Address:** 475 17th St., Ste. 750  
 Denver, CO 80202  
**Well Location:** Tumbleweed #19-1  
 SHL: 1,663' FSL & 673' FEL, NE/4 SE/4, Sec. 18-15S-21E  
 BHL: 249' FNL & 559' FEL, NE/4 NE/4, Sec. 19-15S-21E  
 Uintah County, UT

1. GEOLOGIC SURFACE FORMATION [Green River](#)2 & 3. ESTIMATED DEPTHS OF IMPORTANT GEOLOGIC MARKERS AND ANTICIPATED WATER, OIL, GAS OR MINERALS

<u>Formation</u>	<u>Depth (MD)</u>	<u>Depth (TVD)</u>	<u>Depth (TVD subsea)</u>	<u>Oil/Gas Zones</u>
Wasatch	1920	1930	5294	oil or gas
Mesaverde	3990	3920	3304	gas
Castlegate	5820	5734	1490	gas
Mancos	6020	5931	1293	gas
Dakota Silt	9820	9683	(2459)	gas
Cedar Mtn	10020	9883	(2659)	gas
Entrada	10852	10683	(3459)	gas
Wingate	11314	11083	(3859)	gas

4. PROPOSED CASING PROGRAM

All casing used to drill this well will be new casing.  
 subject to review on the basis of actual conditions encountered.

	<u>Depth</u>	<u>hole size</u>	<u>Csg O.D.</u>	<u>Grade</u>	<u>Weight/Ft</u>
Conductor	60'	20"	16"	Contractor	0.250" wall
Surface	2,000'	12 1/4"	9 5/8"	K-55	36# new
Production	0-10,000'	7 7/8"	5 1/2"	N-80	17# new
	10,000'-TD	7 7/8"	5 1/2"	P-110	17# new

5. OPERATOR'S MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL

Surface hole: No BOPE will be utilized.

Intermediate hole: To be drilled using a diverter stack with rotating head to divert flow from rig floor.

Production hole: Prior to drilling out the intermediate casing shoe, 5,000 psi or greater BOP equipment will be installed. The pipe rams will be operated at least once per day from surface to total depth. The blind rams will be tested once per day from surface to total depth if operations permit.

**DRILLING PLAN****APPROVAL OF OPERATIONS**

A diagram of the planned BOP equipment for normal drilling operations in this area is attached. As denoted there will be two valves and one check valve on the kill line, two valves on the choke line, and two adjustable chokes on the manifold system. The BOP "stack" will consist of two BOP rams (1 pipe, 1 blind) and one annular type preventer, all rated to a minimum of 5,000 psi working pressure.

The BOP equipment will be pressure tested prior to drilling out surface casing shoe and anytime a new casing string is set.. All test pressures will be maintained for fifteen (15) minutes without any significant pressure decrease. Clear water will be circulated into the BOP stack and lines prior to pressure testing. The following test pressures will be used as a minimum for various equipment items.

1.	Annular BOP	1,500 psi
2.	Ram type BOP	5,000 psi
3.	Kill line valves	5,000 psi
4.	Choke line valves and choke manifold valves	5,000 psi
5.	Chokes	5,000 psi
6.	Casing, casinghead & weld	1,500 psi
7.	Upper kelly cock and safety valve	5,000 psi
8.	Dart valve	5,000 psi

6. **MUD SYSTEMS**

- Drilling fluids: Well will be drilled with a low solids non-dispersed mud. In the event of severe lost circulation the mud be aerated.
- The mud system will be monitored manually/visually.

<u>Interval</u>	<u>Mud Weight (ppg)</u>	<u>Viscosity</u>	<u>Fluid Loss</u>	<u>Remarks</u>
0 – 60'	8.3 – 8.6	27-40	--	Native Spud Mud
60' – 2,000'	8.3 – 8.6	27-40	15 cc or less	Native/Gel/Lime
2,000' – TD	8.6 – 9.5	38-46	15 cc or less	Potassium Formate

7. **BLOOIE LINE**

- An automatic igniter will not be installed on blooie line. The blooie will have a constant ignition source.
- A "target tee" connection will be installed on blooie line for 90° change of directions for abrasion resistance.
- "Target tee" connections will be a minimum of 50' from wellhead.
- The blooie line discharge will be a minimum of 80' from the wellhead.

8. **AUXILIARY EQUIPMENT TO BE USED**

- Kelly cock.
- Full opening valve with drill pipe connection will be kept on floor. Valve will be used when the kelly is not in string
- Float Sub at bit—No
- Mud logger & Instrumentation--Yes

9. **TESTING, LOGGING, AND CORING PROGRAMS TO BE FOLLOWED**

- DST's: none expected
- Logging: DIFL/SP/GR TD to surface
- SDL/CNL/CAL w/ DFIL from TD to 2,500'
- Sonic/GR/Cal from TD to surface
- Mudlogger from Wasatch to TD
- Coring: none planned

10. **ANTICIPATED ABNORMAL PRESSURES OR TEMPERATURES EXPECTED**

- No abnormal pressures or hydrogen sulfide are anticipated based on drilling within the immediate area.
- In Flat Rock Field, approximately 4.5 miles to the northwest, the Del-Rio/Orion #29-7A produced a 36 hour shut in pressure of 3,100 psi and a calculated formation pore pressure of approximately 4,000 @ 11,700'.

**DRILLING PLAN**

**APPROVAL OF OPERATIONS**

11. **CEMENT SYSTEMS**

**Conductor:** 0-60' Ready mix to surface

**Surface Casing:** 0-2000'

Lead: 200 sx HiFill w/ 0.125 lbm/sk Poly E-Flake

Tail: 145 sx Premium AG 300 (class G) w/ 2% CaCl & 0.125 lbm/sk Poly E-Flake

100% excess. Will top w/ cement down 1" pipe w/ 50 sx Premium top out cement

Cement Characteristics: Lead:

Yield: 3.12 cu ft/sk

Slurry weight: 11.6 ppg

Compressive strength: 500 psi (24 hrs @ 80 degrees F)

Tail:

Yield: 1.17 cu ft/sk

Slurry weight: 15.8 ppg

Compressive strength: 3000 psi (24 hrs @ 80 degrees F)

**Production Casing:** 0-TD;

Lead 30 sx 50:50 pozmix w/ 5 lbm/sk silicalite

Primary: 1,200 sx 50:50 pozmix w/ 5 lbm/sk silicalite

Tail: 25 sx 50:50 pozmix w/ 5 lbm/sk silicalite

15% excess

Cement Characteristics:

Yield: 1.47 cu ft/sk

Slurry weight: (not foamed): 14.3 ppg

Slurry weight: (foamed): 11.0 ppg

Compressive strength: 1,125 psi (24 hrs @ 140 degrees F: 1,500 psi)

Actual cement volumes will be based on caliper calculations

12. **ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS**

Starting Date: September 15, 2008

Duration: 21 Days

R  
22  
E

R  
21  
E

T15S, R21E, S.L.B.&M.

WEST - 5267.46' (G.L.O.)

BASIS OF BEARINGS  
BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

Lot 1

Lot 2

Lot 3

Lot 4

18

TUMBLEWEED #19-1  
Elev. Graded Ground = 7224'

NOTE:  
THE PROPOSED BOTTOM HOLE FOR THIS WELL  
IS LOCATED IN THE NE 1/4 NE 1/4 OF SECTION  
19, T15S, R21E, S.L.B.&M. AT A DISTANCE OF  
249' FNL 559' FEL. IT BEARS S03°25'40"E  
1915.02' FROM THE PROPOSED WELL HEAD.

5368.44' (G.L.O.)

Bottom Hole  
89°43'  
(G.L.O.)

N00°03'W - 2640.00' (G.L.O.)

S00°01'40"E - 2646.66' (Meas.)

1663' (Comp.)

673'

S34°15'09"W  
1194.15'

90°17'  
(G.L.O.)

1920 Brass Cap,  
1.0' High, Pile  
of Stones

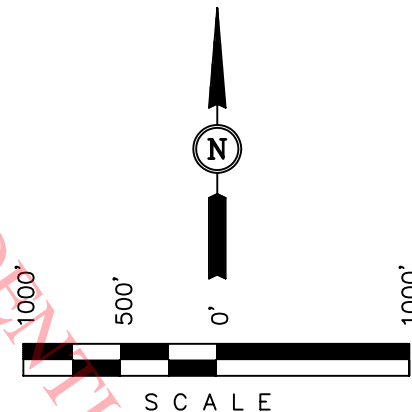
1920 Brass Cap,  
1.0' High, Pile  
of Stones

## STEWART PETROLEUM CORPORATION

Well location, TUMBLEWEED #19-1, located as  
shown in the NE 1/4 SE 1/4 of Section 18,  
T15S, R21E, S.L.B.&M., Uintah County, Utah.

### BASIS OF ELEVATION

TRIANGULATION STATION (WINTER) LOCATED IN THE NW 1/4 OF  
SECTION 25, T15S, R21E, S.L.B.&M. TAKEN FROM THE WOLF  
POINT QUADRANGLE, UTAH, UTAH COUNTY, 7.5 MINUTE  
QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED  
STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY.  
SAID ELEVATION IS MARKED AS BEING 7462 FEET.



### CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM  
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY  
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE  
BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR  
REGISTRATION NO. 161319  
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING  
85 SOUTH 200 EAST - VERNAL, UTAH 84078  
(435) 789-1017

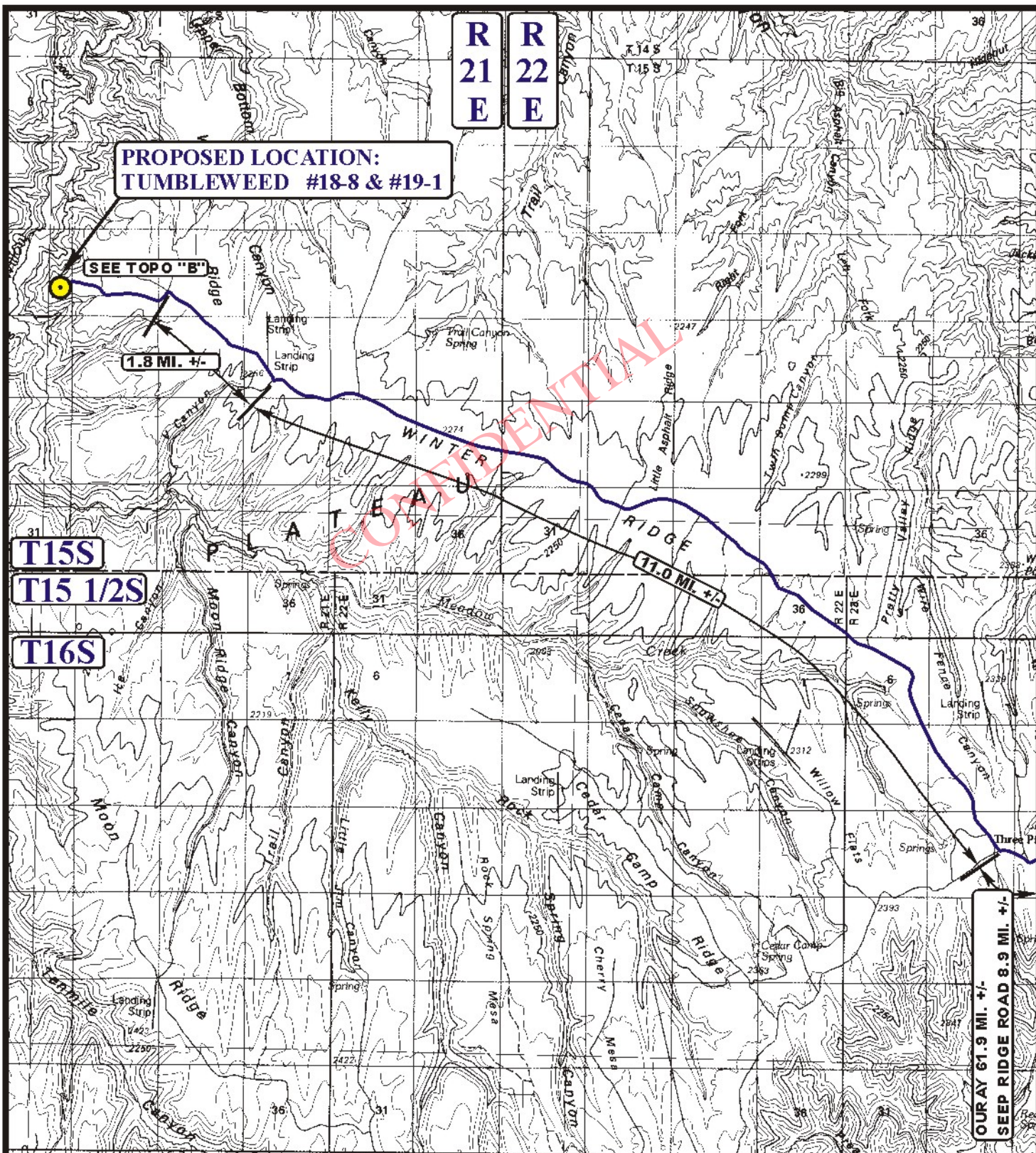
### LEGEND:

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

NAD 83 (TARGET BOTTOM HOLE)	NAD 83 (SURFACE LOCATION)
LATITUDE = 39°30'18.13" (39.505036)	LATITUDE = 39°30'37.01" (39.510281)
LONGITUDE = 109°36'06.80" (109.601889)	LONGITUDE = 109°36'08.28" (109.602300)
NAD 27 (TARGET BOTTOM HOLE)	NAD 27 (SURFACE LOCATION)
LATITUDE = 39°30'18.25" (39.505069)	LATITUDE = 39°30'37.14" (39.510317)
LONGITUDE = 109°36'04.33" (109.601203)	LONGITUDE = 109°36'05.81" (109.601614)

SCALE 1" = 1000'	DATE SURVEYED: 04-04-08	DATE DRAWN: 04-07-08
PARTY J.R. N.W. C.C.	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE STEWART PETROLEUM CORPORATION	





**LEGEND:**

 PROPOSED LOCATION



Uintah Engineering & Land Surveying  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813



**STEWART PETROLEUM CORPORATION**

**TUMBLEWEED #18-8 & #19-1**  
**SECTION 18, T15S, R21E, S.L.B.&M.**  
**NE 1/4, SE 1/4**

**TOPOGRAPHIC**  
**MAP**

**4** MONTH  
**9** DAY  
**08** YEAR

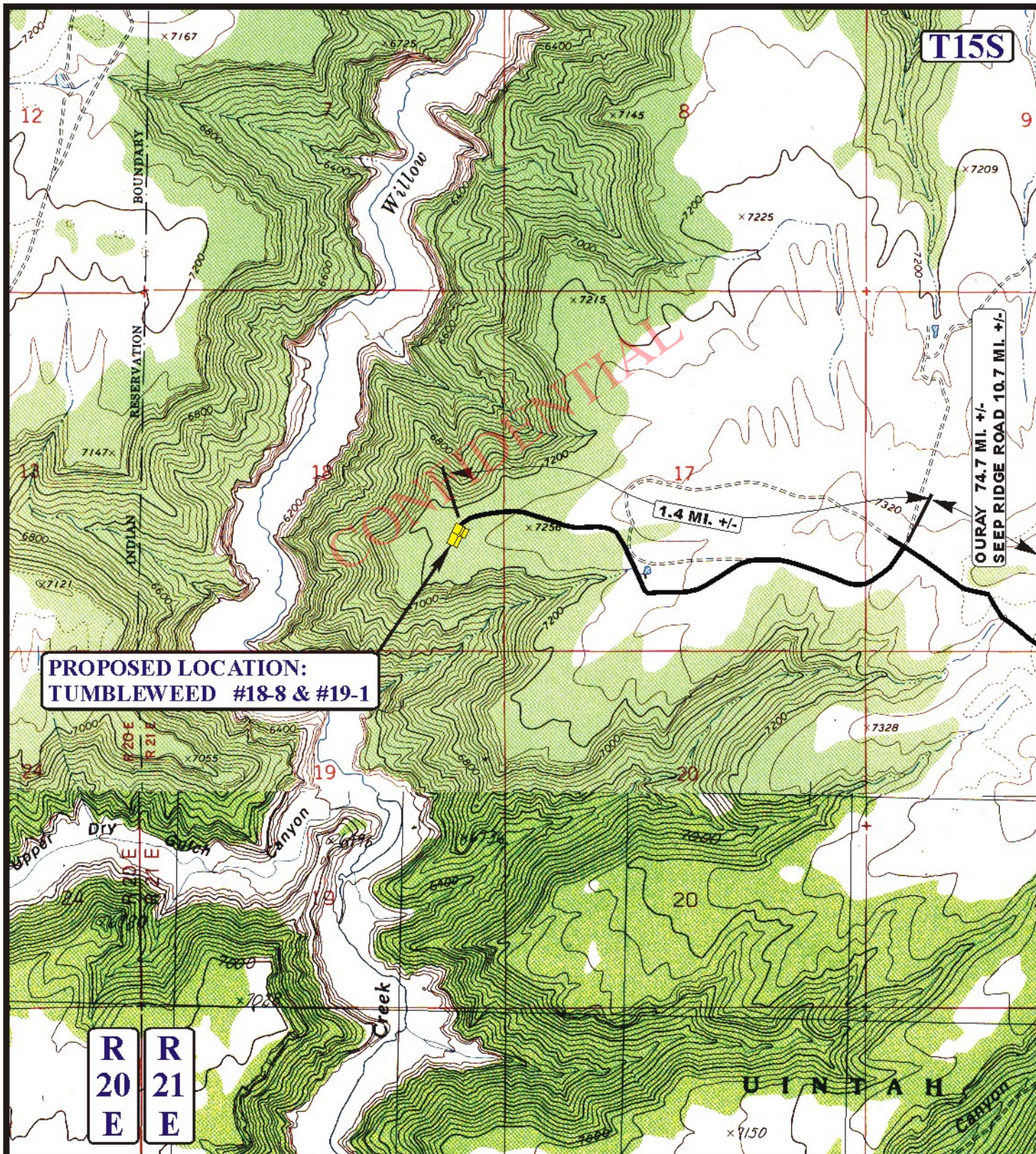
SCALE: 1:100,000

DRAWN BY: G.L.

REV: 12-15-08 C.C.







**LEGEND:**

- EXISTING ROAD
- - - - - PROPOSED ACCESS ROAD
- EXISTING 2-TRACK NEEDS UPGRADED



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**NE 1/4, SE 1/4**

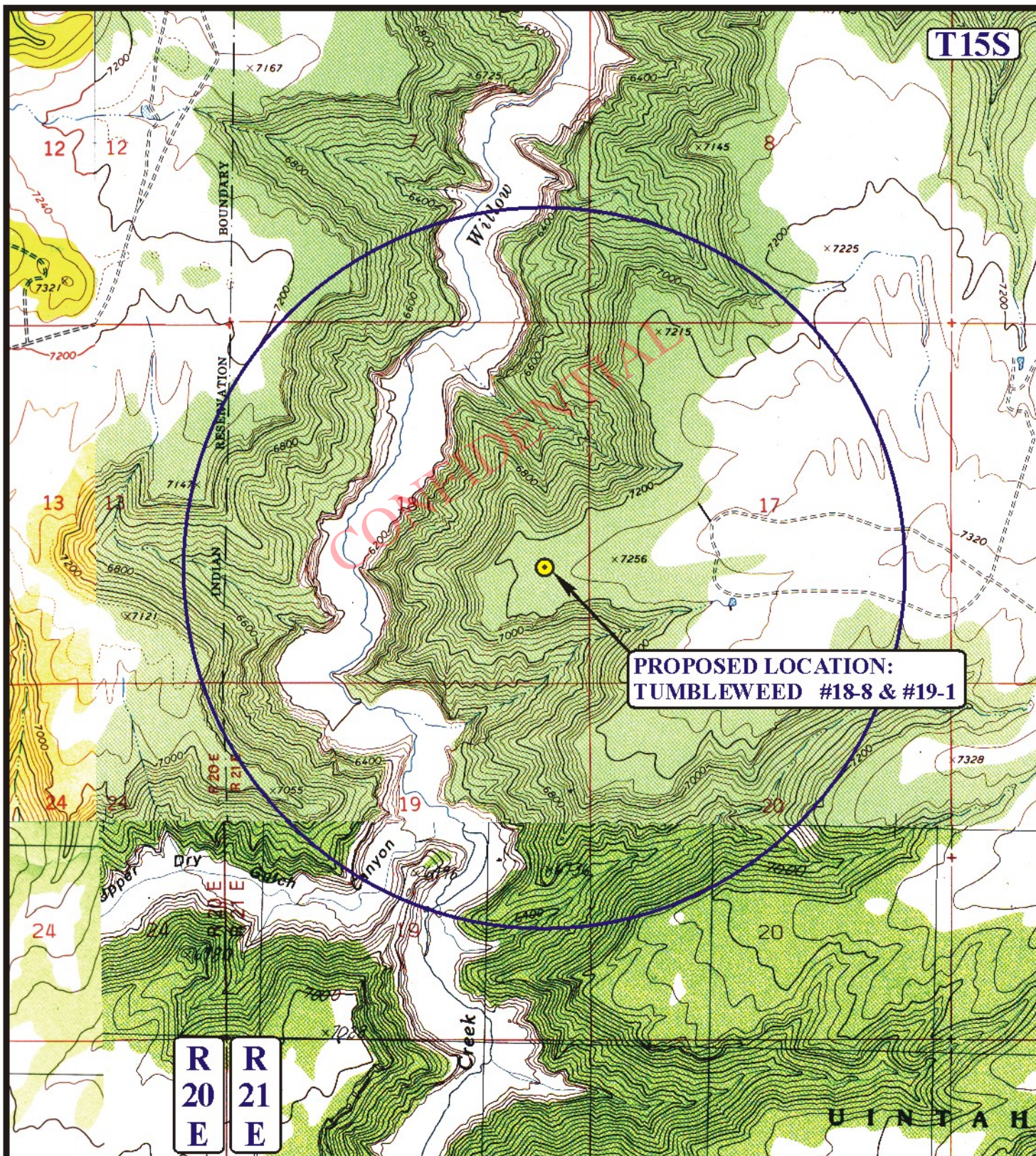
**TOPOGRAPHIC  
MAP**

**4 9 08**  
 MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: G.L. REV: 12-15-08 C.C.







**LEGEND:**

- |                   |                         |
|-------------------|-------------------------|
| ⊗ DISPOSAL WELLS  | ⊗ WATER WELLS           |
| ● PRODUCING WELLS | ⊕ ABANDONED WELLS       |
| ● SHUT IN WELLS   | ● TEMPORARILY ABANDONED |



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**TUMBLEWEED #18-8 & #19-1**  
**SECTION 18, T15S, R21E, S.L.B.&M.**  
**NE 1/4, SE 1/4**

**TOPOGRAPHIC**  
**MAP**

**4 9 08**  
MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: G.L. REV: 12-15-08 C.C.





# **STEWART PETROLEUM CORPORATION**

**UINTAH COUNTY, UT  
TUMBLEWEED #18-9 PAD  
TUMBLEWEED #19-1**

**TUMBLEWEED #19-1**

**Plan: Design #1**

## **Standard Planning Report**

**04 August, 2008**



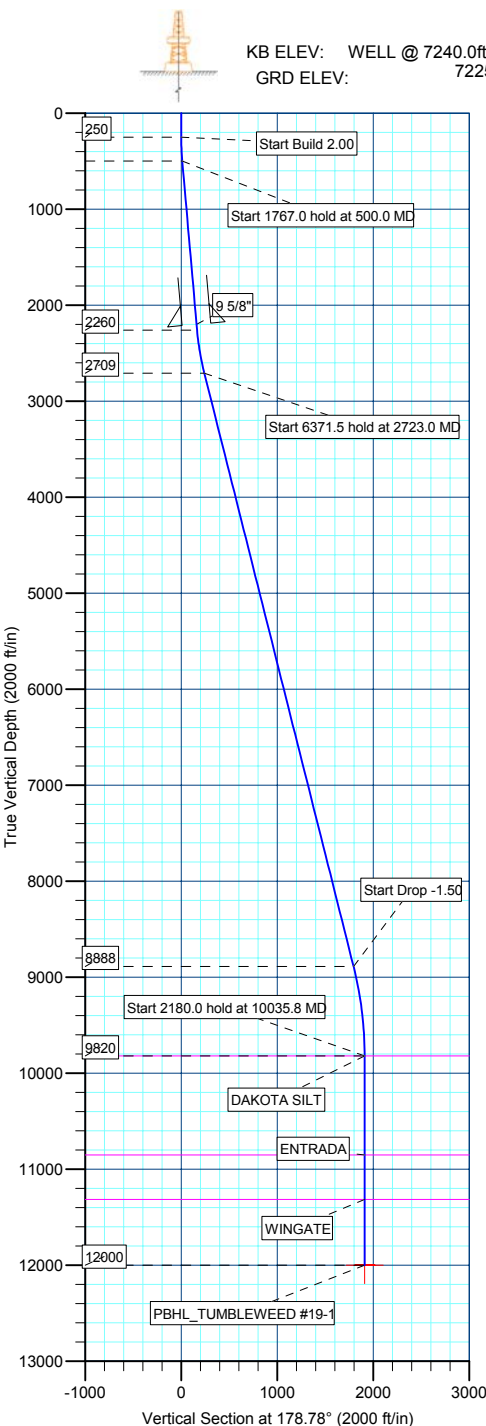
**Weatherford®**



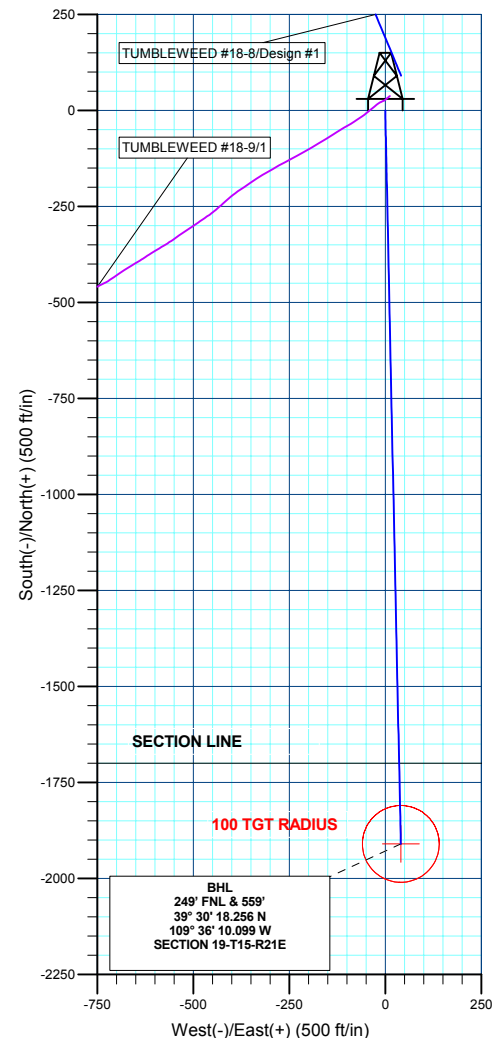
SECTION DETAILS										
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	250.0	0.00	0.00	250.0	0.0	0.0	0.00	0.00	0.0	
3	500.0	5.00	178.78	499.7	-10.9	0.2	2.00	178.78	10.9	
4	2267.0	5.00	178.78	2260.0	-164.9	3.5	0.00	0.00	164.9	
5	2723.0	14.12	178.78	2709.2	-240.5	5.1	2.00	0.01	240.6	
6	9094.5	14.12	178.78	8888.2	-1794.5	38.1	0.00	0.00	1794.9	
	70035.8	0.00	0.00	9820.0	-1909.9	40.5	1.50	180.00	1910.3	
	82215.8	0.00	0.00	12000.0	-1909.9	40.5	0.00	0.00	1910.3	PBHL_TUMBLEWEED #19-1

WELL DETAILS: TUMBLEWEED #19-1							
+N/-S	+E/-W	Northing	Ground Level:	7225.0	Longitude	Slot	
0.0	0.0	132396.87	Easting	772841.88	39° 30' 37.138 N	109° 36' 5.808 W	

WELLBORE TARGET DETAILS (MAP CO-ORDINATES AND LAT/LONG)									
Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape	
PBHL_TUMBLEWEED #19-1	12000.0	-1909.9	40.5	131814.74	772854.24	39° 30' 18.256 N	109° 36' 5.808 W	Circle (Radius: 100.0)	



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CASING DETAILS			
TVD	MD	Name	Size
2200.0	2206.8	9 5/8"	9.625

FORMATION TOP DETAILS			
TVDPath	MDPath	Formation	
9820.0	10035.8	DAKOTA SILT	
10852.0	11067.8	ENTRADA	
11314.0	11529.8	WINGATE	

Plan: Design #1 (TUMBLEWEED #19-1/TUMBLEWEED #19-1)

Created By: Robert H. Scott

<b>Database:</b>	EDM 2003.21 Single User Db	<b>Local Co-ordinate Reference:</b>	Well TUMBLEWEED #19-1
<b>Company:</b>	STEWART PETROLEUM CORPORATION	<b>TVD Reference:</b>	WELL @ 7240.0ft (Original Well Elev)
<b>Project:</b>	UINTAH COUNTY, UT	<b>MD Reference:</b>	WELL @ 7240.0ft (Original Well Elev)
<b>Site:</b>	TUMBLEWEED #18-9 PAD	<b>North Reference:</b>	Grid
<b>Well:</b>	TUMBLEWEED #19-1	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	TUMBLEWEED #19-1		
<b>Design:</b>	Design #1		

<b>Project</b>	UINTAH COUNTY, UT		
<b>Map System:</b>	US State Plane 1927 (Exact solution)	<b>System Datum:</b>	Mean Sea Level
<b>Geo Datum:</b>	NAD 1927 (NADCON CONUS)		
<b>Map Zone:</b>	Utah Central 4302		

Site						TUMBLEWEED #18-9 PAD, SECTION 18 -T15S-R21E											
Site Position:						Northing:			132,408.42 m			Latitude:			39° 30' 37.510 N		
From:			Lat/Long			Easting:			772,845.40 m			Longitude:			109° 36' 5.650 W		
Position Uncertainty:			0.0 ft			Slot Radius:			0.000 in			Grid Convergence:			1.22 °		

Well	TUMBLEWEED #19-1					
Well Position	+N/-S	-37.9 ft	Northing:	132,396.87 m	Latitude:	39° 30' 37.138 N
	+E/-W	-11.6 ft	Easting:	772,841.88 m	Longitude:	109° 36' 5.808 W
Position Uncertainty		0.0 ft	Wellhead Elevation:	ft	Ground Level:	7,225.0 ft

<b>Wellbore</b>	TUMBLEWEED #19-1				
<b>Magnetics</b>	<b>Model Name</b>	<b>Sample Date</b>	<b>Declination (°)</b>	<b>Dip Angle (°)</b>	<b>Field Strength (nT)</b>
	BGGM2007	8/4/2008	11.43	65.51	52,300

<b>Design</b>	Design #1				
<b>Audit Notes:</b>					
<b>Version:</b>	<b>Phase:</b>	PLAN	<b>Tie On Depth:</b>	0.0	
<b>Vertical Section:</b>	<b>Depth From (TVD) (ft)</b>	<b>+N/-S (ft)</b>	<b>+E/-W (ft)</b>	<b>Direction (°)</b>	
	0.0	0.0	0.0	178.78	

<b>Plan Sections</b>										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
250.0	0.00	0.00	250.0	0.0	0.0	0.00	0.00	0.00	0.00	
500.0	5.00	178.78	499.7	-10.9	0.2	2.00	2.00	0.00	178.78	
2,267.0	5.00	178.78	2,260.0	-164.9	3.5	0.00	0.00	0.00	0.00	
2,723.0	14.12	178.78	2,709.2	-240.5	5.1	2.00	2.00	0.00	0.01	
9,094.5	14.12	178.78	8,888.2	-1,794.5	38.1	0.00	0.00	0.00	0.00	
10,035.8	0.00	0.00	9,820.0	-1,909.9	40.5	1.50	-1.50	0.00	180.00	
12,215.8	0.00	0.00	12,000.0	-1,909.9	40.5	0.00	0.00	0.00	0.00	PBHL_TUMBLEWE

<b>Database:</b>	EDM 2003.21 Single User Db	<b>Local Co-ordinate Reference:</b>	Well TUMBLEWEED #19-1
<b>Company:</b>	STEWART PETROLEUM CORPORATION	<b>TVD Reference:</b>	WELL @ 7240.0ft (Original Well Elev)
<b>Project:</b>	UINTAH COUNTY, UT	<b>MD Reference:</b>	WELL @ 7240.0ft (Original Well Elev)
<b>Site:</b>	TUMBLEWEED #18-9 PAD	<b>North Reference:</b>	Grid
<b>Well:</b>	TUMBLEWEED #19-1	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	TUMBLEWEED #19-1		
<b>Design:</b>	Design #1		

## Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
250.0	0.00	0.00	250.0	0.0	0.0	0.0	0.00	0.00	0.00
<b>Start Build 2.00</b>									
300.0	1.00	178.78	300.0	-0.4	0.0	0.4	2.00	2.00	0.00
400.0	3.00	178.78	399.9	-3.9	0.1	3.9	2.00	2.00	0.00
500.0	5.00	178.78	499.7	-10.9	0.2	10.9	2.00	2.00	0.00
<b>Start 1767.0 hold at 500.0 MD</b>									
600.0	5.00	178.78	599.3	-19.6	0.4	19.6	0.00	0.00	0.00
700.0	5.00	178.78	698.9	-28.3	0.6	28.3	0.00	0.00	0.00
800.0	5.00	178.78	798.5	-37.0	0.8	37.0	0.00	0.00	0.00
900.0	5.00	178.78	898.2	-45.8	1.0	45.8	0.00	0.00	0.00
1,000.0	5.00	178.78	997.8	-54.5	1.2	54.5	0.00	0.00	0.00
1,100.0	5.00	178.78	1,097.4	-63.2	1.3	63.2	0.00	0.00	0.00
1,200.0	5.00	178.78	1,197.0	-71.9	1.5	71.9	0.00	0.00	0.00
1,300.0	5.00	178.78	1,296.6	-80.6	1.7	80.6	0.00	0.00	0.00
1,400.0	5.00	178.78	1,396.3	-89.3	1.9	89.3	0.00	0.00	0.00
1,500.0	5.00	178.78	1,495.9	-98.0	2.1	98.1	0.00	0.00	0.00
1,600.0	5.00	178.78	1,595.5	-106.7	2.3	106.8	0.00	0.00	0.00
1,700.0	5.00	178.78	1,695.1	-115.5	2.5	115.5	0.00	0.00	0.00
1,800.0	5.00	178.78	1,794.7	-124.2	2.6	124.2	0.00	0.00	0.00
1,900.0	5.00	178.78	1,894.4	-132.9	2.8	132.9	0.00	0.00	0.00
2,000.0	5.00	178.78	1,994.0	-141.6	3.0	141.6	0.00	0.00	0.00
2,100.0	5.00	178.78	2,093.6	-150.3	3.2	150.4	0.00	0.00	0.00
2,200.0	5.00	178.78	2,193.2	-159.0	3.4	159.1	0.00	0.00	0.00
2,206.8	5.00	178.78	2,200.0	-159.6	3.4	159.7	0.00	0.00	0.00
<b>9 5/8"</b>									
2,267.0	5.00	178.78	2,260.0	-164.9	3.5	164.9	0.00	0.00	0.00
<b>Start DLS 2.00 TFO 0.01</b>									
2,300.0	5.66	178.78	2,292.8	-167.9	3.6	168.0	2.00	2.00	0.00
2,400.0	7.66	178.78	2,392.1	-179.5	3.8	179.6	2.00	2.00	0.00
2,500.0	9.66	178.78	2,491.0	-194.6	4.1	194.6	2.00	2.00	0.00
2,600.0	11.66	178.78	2,589.3	-213.1	4.5	213.1	2.00	2.00	0.00
2,700.0	13.66	178.78	2,686.8	-235.0	5.0	235.0	2.00	2.00	0.00
2,723.0	14.12	178.78	2,709.2	-240.5	5.1	240.6	2.00	2.00	0.00
<b>Start 6371.5 hold at 2723.0 MD</b>									
2,800.0	14.12	178.78	2,783.8	-259.3	5.5	259.3	0.00	0.00	0.00
2,900.0	14.12	178.78	2,880.8	-283.7	6.0	283.7	0.00	0.00	0.00
3,000.0	14.12	178.78	2,977.8	-308.1	6.6	308.1	0.00	0.00	0.00
3,100.0	14.12	178.78	3,074.8	-332.4	7.1	332.5	0.00	0.00	0.00
3,200.0	14.12	178.78	3,171.7	-356.8	7.6	356.9	0.00	0.00	0.00
3,300.0	14.12	178.78	3,268.7	-381.2	8.1	381.3	0.00	0.00	0.00
3,400.0	14.12	178.78	3,365.7	-405.6	8.6	405.7	0.00	0.00	0.00
3,500.0	14.12	178.78	3,462.7	-430.0	9.1	430.1	0.00	0.00	0.00
3,600.0	14.12	178.78	3,559.7	-454.4	9.7	454.5	0.00	0.00	0.00
3,700.0	14.12	178.78	3,656.6	-478.8	10.2	478.9	0.00	0.00	0.00
3,800.0	14.12	178.78	3,753.6	-503.2	10.7	503.3	0.00	0.00	0.00
3,900.0	14.12	178.78	3,850.6	-527.6	11.2	527.7	0.00	0.00	0.00
4,000.0	14.12	178.78	3,947.6	-552.0	11.7	552.1	0.00	0.00	0.00
4,100.0	14.12	178.78	4,044.5	-576.3	12.2	576.5	0.00	0.00	0.00
4,200.0	14.12	178.78	4,141.5	-600.7	12.8	600.9	0.00	0.00	0.00
4,300.0	14.12	178.78	4,238.5	-625.1	13.3	625.3	0.00	0.00	0.00
4,400.0	14.12	178.78	4,335.5	-649.5	13.8	649.7	0.00	0.00	0.00
4,500.0	14.12	178.78	4,432.5	-673.9	14.3	674.1	0.00	0.00	0.00
4,600.0	14.12	178.78	4,529.4	-698.3	14.8	698.4	0.00	0.00	0.00

<b>Database:</b>	EDM 2003.21 Single User Db	<b>Local Co-ordinate Reference:</b>	Well TUMBLEWEED #19-1
<b>Company:</b>	STEWART PETROLEUM CORPORATION	<b>TVD Reference:</b>	WELL @ 7240.0ft (Original Well Elev)
<b>Project:</b>	UINTAH COUNTY, UT	<b>MD Reference:</b>	WELL @ 7240.0ft (Original Well Elev)
<b>Site:</b>	TUMBLEWEED #18-9 PAD	<b>North Reference:</b>	Grid
<b>Well:</b>	TUMBLEWEED #19-1	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	TUMBLEWEED #19-1		
<b>Design:</b>	Design #1		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
4,700.0	14.12	178.78	4,626.4	-722.7	15.4	722.8	0.00	0.00	0.00
4,800.0	14.12	178.78	4,723.4	-747.1	15.9	747.2	0.00	0.00	0.00
4,900.0	14.12	178.78	4,820.4	-771.5	16.4	771.6	0.00	0.00	0.00
5,000.0	14.12	178.78	4,917.4	-795.8	16.9	796.0	0.00	0.00	0.00
5,100.0	14.12	178.78	5,014.3	-820.2	17.4	820.4	0.00	0.00	0.00
5,200.0	14.12	178.78	5,111.3	-844.6	17.9	844.8	0.00	0.00	0.00
5,300.0	14.12	178.78	5,208.3	-869.0	18.5	869.2	0.00	0.00	0.00
5,400.0	14.12	178.78	5,305.3	-893.4	19.0	893.6	0.00	0.00	0.00
5,500.0	14.12	178.78	5,402.3	-917.8	19.5	918.0	0.00	0.00	0.00
5,600.0	14.12	178.78	5,499.2	-942.2	20.0	942.4	0.00	0.00	0.00
5,700.0	14.12	178.78	5,596.2	-966.6	20.5	966.8	0.00	0.00	0.00
5,800.0	14.12	178.78	5,693.2	-991.0	21.0	991.2	0.00	0.00	0.00
5,900.0	14.12	178.78	5,790.2	-1,015.4	21.6	1,015.6	0.00	0.00	0.00
6,000.0	14.12	178.78	5,887.1	-1,039.7	22.1	1,040.0	0.00	0.00	0.00
6,100.0	14.12	178.78	5,984.1	-1,064.1	22.6	1,064.4	0.00	0.00	0.00
6,200.0	14.12	178.78	6,081.1	-1,088.5	23.1	1,088.8	0.00	0.00	0.00
6,300.0	14.12	178.78	6,178.1	-1,112.9	23.6	1,113.2	0.00	0.00	0.00
6,400.0	14.12	178.78	6,275.1	-1,137.3	24.1	1,137.6	0.00	0.00	0.00
6,500.0	14.12	178.78	6,372.0	-1,161.7	24.7	1,162.0	0.00	0.00	0.00
6,600.0	14.12	178.78	6,469.0	-1,186.1	25.2	1,186.4	0.00	0.00	0.00
6,700.0	14.12	178.78	6,566.0	-1,210.5	25.7	1,210.7	0.00	0.00	0.00
6,800.0	14.12	178.78	6,663.0	-1,234.9	26.2	1,235.1	0.00	0.00	0.00
6,900.0	14.12	178.78	6,760.0	-1,259.3	26.7	1,259.5	0.00	0.00	0.00
7,000.0	14.12	178.78	6,856.9	-1,283.6	27.3	1,283.9	0.00	0.00	0.00
7,100.0	14.12	178.78	6,953.9	-1,308.0	27.8	1,308.3	0.00	0.00	0.00
7,200.0	14.12	178.78	7,050.9	-1,332.4	28.3	1,332.7	0.00	0.00	0.00
7,300.0	14.12	178.78	7,147.9	-1,356.8	28.8	1,357.1	0.00	0.00	0.00
7,400.0	14.12	178.78	7,244.8	-1,381.2	29.3	1,381.5	0.00	0.00	0.00
7,500.0	14.12	178.78	7,341.8	-1,405.6	29.8	1,405.9	0.00	0.00	0.00
7,600.0	14.12	178.78	7,438.8	-1,430.0	30.4	1,430.3	0.00	0.00	0.00
7,700.0	14.12	178.78	7,535.8	-1,454.4	30.9	1,454.7	0.00	0.00	0.00
7,800.0	14.12	178.78	7,632.8	-1,478.8	31.4	1,479.1	0.00	0.00	0.00
7,900.0	14.12	178.78	7,729.7	-1,503.1	31.9	1,503.5	0.00	0.00	0.00
8,000.0	14.12	178.78	7,826.7	-1,527.5	32.4	1,527.9	0.00	0.00	0.00
8,100.0	14.12	178.78	7,923.7	-1,551.9	32.9	1,552.3	0.00	0.00	0.00
8,200.0	14.12	178.78	8,020.7	-1,576.3	33.5	1,576.7	0.00	0.00	0.00
8,300.0	14.12	178.78	8,117.7	-1,600.7	34.0	1,601.1	0.00	0.00	0.00
8,400.0	14.12	178.78	8,214.6	-1,625.1	34.5	1,625.5	0.00	0.00	0.00
8,500.0	14.12	178.78	8,311.6	-1,649.5	35.0	1,649.9	0.00	0.00	0.00
8,600.0	14.12	178.78	8,408.6	-1,673.9	35.5	1,674.3	0.00	0.00	0.00
8,700.0	14.12	178.78	8,505.6	-1,698.3	36.1	1,698.6	0.00	0.00	0.00
8,800.0	14.12	178.78	8,602.6	-1,722.7	36.6	1,723.0	0.00	0.00	0.00
8,900.0	14.12	178.78	8,699.5	-1,747.0	37.1	1,747.4	0.00	0.00	0.00
9,000.0	14.12	178.78	8,796.5	-1,771.4	37.6	1,771.8	0.00	0.00	0.00
9,094.5	14.12	178.78	8,888.2	-1,794.5	38.1	1,794.9	0.00	0.00	0.00
<b>Start Drop -1.50</b>									
9,100.0	14.04	178.78	8,893.5	-1,795.8	38.1	1,796.2	1.50	-1.50	0.00
9,200.0	12.54	178.78	8,990.8	-1,818.8	38.6	1,819.2	1.50	-1.50	0.00
9,300.0	11.04	178.78	9,088.7	-1,839.2	39.0	1,839.6	1.50	-1.50	0.00
9,400.0	9.54	178.78	9,187.1	-1,857.1	39.4	1,857.5	1.50	-1.50	0.00
9,500.0	8.04	178.78	9,285.9	-1,872.3	39.7	1,872.8	1.50	-1.50	0.00
9,600.0	6.54	178.78	9,385.1	-1,885.0	40.0	1,885.5	1.50	-1.50	0.00
9,700.0	5.04	178.78	9,484.6	-1,895.1	40.2	1,895.5	1.50	-1.50	0.00
9,800.0	3.54	178.78	9,584.3	-1,902.6	40.4	1,903.0	1.50	-1.50	0.00

<b>Database:</b>	EDM 2003.21 Single User Db	<b>Local Co-ordinate Reference:</b>	Well TUMBLEWEED #19-1
<b>Company:</b>	STEWART PETROLEUM CORPORATION	<b>TVD Reference:</b>	WELL @ 7240.0ft (Original Well Elev)
<b>Project:</b>	UINTAH COUNTY, UT	<b>MD Reference:</b>	WELL @ 7240.0ft (Original Well Elev)
<b>Site:</b>	TUMBLEWEED #18-9 PAD	<b>North Reference:</b>	Grid
<b>Well:</b>	TUMBLEWEED #19-1	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	TUMBLEWEED #19-1		
<b>Design:</b>	Design #1		

## Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
9,900.0	2.04	178.78	9,684.2	-1,907.5	40.5	1,907.9	1.50	-1.50	0.00
10,000.0	0.54	178.78	9,784.2	-1,909.7	40.5	1,910.1	1.50	-1.50	0.00
10,035.8	0.00	0.00	9,820.0	-1,909.9	40.5	1,910.3	1.50	-1.50	0.00
<b>Start 2180.0 hold at 10035.8 MD - DAKOTA SILT</b>									
10,100.0	0.00	0.00	9,884.2	-1,909.9	40.5	1,910.3	0.00	0.00	0.00
10,200.0	0.00	0.00	9,984.2	-1,909.9	40.5	1,910.3	0.00	0.00	0.00
10,300.0	0.00	0.00	10,084.2	-1,909.9	40.5	1,910.3	0.00	0.00	0.00
10,400.0	0.00	0.00	10,184.2	-1,909.9	40.5	1,910.3	0.00	0.00	0.00
10,500.0	0.00	0.00	10,284.2	-1,909.9	40.5	1,910.3	0.00	0.00	0.00
10,600.0	0.00	0.00	10,384.2	-1,909.9	40.5	1,910.3	0.00	0.00	0.00
10,700.0	0.00	0.00	10,484.2	-1,909.9	40.5	1,910.3	0.00	0.00	0.00
10,800.0	0.00	0.00	10,584.2	-1,909.9	40.5	1,910.3	0.00	0.00	0.00
10,900.0	0.00	0.00	10,684.2	-1,909.9	40.5	1,910.3	0.00	0.00	0.00
11,000.0	0.00	0.00	10,784.2	-1,909.9	40.5	1,910.3	0.00	0.00	0.00
11,067.8	0.00	0.00	10,852.0	-1,909.9	40.5	1,910.3	0.00	0.00	0.00
<b>ENTRADA</b>									
11,100.0	0.00	0.00	10,884.2	-1,909.9	40.5	1,910.3	0.00	0.00	0.00
11,200.0	0.00	0.00	10,984.2	-1,909.9	40.5	1,910.3	0.00	0.00	0.00
11,300.0	0.00	0.00	11,084.2	-1,909.9	40.5	1,910.3	0.00	0.00	0.00
11,400.0	0.00	0.00	11,184.2	-1,909.9	40.5	1,910.3	0.00	0.00	0.00
11,500.0	0.00	0.00	11,284.2	-1,909.9	40.5	1,910.3	0.00	0.00	0.00
11,529.8	0.00	0.00	11,314.0	-1,909.9	40.5	1,910.3	0.00	0.00	0.00
<b>WINGATE</b>									
11,600.0	0.00	0.00	11,384.2	-1,909.9	40.5	1,910.3	0.00	0.00	0.00
11,700.0	0.00	0.00	11,484.2	-1,909.9	40.5	1,910.3	0.00	0.00	0.00
11,800.0	0.00	0.00	11,584.2	-1,909.9	40.5	1,910.3	0.00	0.00	0.00
11,900.0	0.00	0.00	11,684.2	-1,909.9	40.5	1,910.3	0.00	0.00	0.00
12,000.0	0.00	0.00	11,784.2	-1,909.9	40.5	1,910.3	0.00	0.00	0.00
12,100.0	0.00	0.00	11,884.2	-1,909.9	40.5	1,910.3	0.00	0.00	0.00
12,200.0	0.00	0.00	11,984.2	-1,909.9	40.5	1,910.3	0.00	0.00	0.00
12,215.8	0.00	0.00	12,000.0	-1,909.9	40.5	1,910.3	0.00	0.00	0.00
<b>TD at 12215.8</b>									

## Casing Points

Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (in)	Hole Diameter (in)
2,206.8	2,200.0	9 5/8"	9.625	12.250

## Formations

Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)
10,035.8	9,820.0	DAKOTA SILT		0.00	
11,067.8	10,852.0	ENTRADA		0.00	
11,529.8	11,314.0	WINGATE		0.00	

<b>Database:</b>	EDM 2003.21 Single User Db	<b>Local Co-ordinate Reference:</b>	Well TUMBLEWEED #19-1
<b>Company:</b>	STEWART PETROLEUM CORPORATION	<b>TVD Reference:</b>	WELL @ 7240.0ft (Original Well Elev)
<b>Project:</b>	UINTAH COUNTY, UT	<b>MD Reference:</b>	WELL @ 7240.0ft (Original Well Elev)
<b>Site:</b>	TUMBLEWEED #18-9 PAD	<b>North Reference:</b>	Grid
<b>Well:</b>	TUMBLEWEED #19-1	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	TUMBLEWEED #19-1		
<b>Design:</b>	Design #1		

Plan Annotations				
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
250.0	250.0	0.0	0.0	Start Build 2.00
500.0	499.7	-10.9	0.2	Start 1767.0 hold at 500.0 MD
2,267.0	2,260.0	-164.9	3.5	Start DLS 2.00 TFO 0.01
2,723.0	2,709.2	-240.5	5.1	Start 6371.5 hold at 2723.0 MD
9,094.5	8,888.2	-1,794.5	38.1	Start Drop -1.50
10,035.8	9,820.0	-1,909.9	40.5	Start 2180.0 hold at 10035.8 MD
12,215.8	12,000.0	-1,909.9	40.5	TD at 12215.8

# **STEWART PETROLEUM CORPORATION**

**UINTAH COUNTY, UT  
TUMBLEWEED #18-9 PAD  
TUMBLEWEED #19-1**

**TUMBLEWEED #19-1  
Design #1**

**CONFIDENTIAL**

## **Anticollision Report**

**04 August, 2008**



**Weatherford International Ltd.**  
Anticollision Report



<b>Company:</b>	STEWART PETROLEUM CORPORATION	<b>Local Co-ordinate Reference:</b>	Well TUMBLEWEED #19-1
<b>Project:</b>	UINTAH COUNTY, UT	<b>TVD Reference:</b>	WELL @ 7240.0ft (Original Well Elev)
<b>Reference Site:</b>	TUMBLEWEED #18-9 PAD	<b>MD Reference:</b>	WELL @ 7240.0ft (Original Well Elev)
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	Grid
<b>Reference Well:</b>	TUMBLEWEED #19-1	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	TUMBLEWEED #19-1	<b>Database:</b>	EDM 2003.21 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Reference</b>	Design #1
<b>Filter type:</b>	NO GLOBAL FILTER: Using user defined selection & filtering criteria
<b>Interpolation Method:</b>	Stations
<b>Depth Range:</b>	0.0 to 20,000.0ft
<b>Results Limited by:</b>	Maximum center-center distance of 10,000.0ft
<b>Warning Levels Evaluated at:</b>	2.00 Sigma
<b>Error Model:</b>	ISCWSA
<b>Scan Method:</b>	Closest Approach 3D
<b>Error Surface:</b>	Elliptical Conic

Survey Tool Program		Date	8/4/2008		
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
0.0	12,215.8	Design #1 (TUMBLEWEED #19-1)	MWD	MWD - Standard	

Summary						
Site Name	Reference Measured Depth (ft)	Offset Measured Depth (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Separation Factor	Warning
Offset Well - Wellbore - Design						
TUMBLEWEED #18-9 PAD						
TUMBLEWEED #18-8 - TUMBLEWEED #18-8 - Design #	0.0	0.0	99.8			
TUMBLEWEED #18-8 - TUMBLEWEED #18-8 - Design #	250.0	250.0	99.8	99.8	10,000.000	CC, ES
TUMBLEWEED #18-9 - TUMBLEWEED #18-9 - 1	0.0	0.0	39.6			
TUMBLEWEED #18-9 - TUMBLEWEED #18-9 - 1	254.2	254.2	39.5	39.5	10,000.000	CC, ES
TUMBLEWEED #18-9 - TUMBLEWEED #18-9 - Plan #1	0.0	0.0	39.6			
TUMBLEWEED #18-9 - TUMBLEWEED #18-9 - Plan #1	250.0	250.0	39.6	39.6	10,000.000	CC, ES

Offset Design												TUMBLEWEED #18-9 PAD - TUMBLEWEED #18-8 - TUMBLEWEED #18-8 - Design #1		Offset Site Error:		0.0 ft	
Survey Program: 0-MWD														Offset Well Error:		0.0 ft	
Reference		Offset		Semi Major Axis			Distance										
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning				
0.0	0.0	0.0	0.0	0.0	0.0	24.41	90.9	41.2	99.8								
100.0	100.0	100.0	100.0	0.1	0.1	24.41	90.9	41.2	99.8	99.8	0.00	N/A					
200.0	200.0	200.0	200.0	0.3	0.3	24.41	90.9	41.2	99.8	99.8	0.00	N/A					
250.0	250.0	250.0	250.0	0.4	0.4	24.41	90.9	41.2	99.8	99.8	0.00	N/A	CC, ES				
300.0	300.0	300.0	300.0	0.5	0.5	-154.47	90.9	41.2	100.2	100.2	0.00	N/A					
400.0	399.9	399.9	399.9	0.7	0.8	-155.28	90.9	41.2	103.3	103.3	0.00	N/A					
500.0	499.7	499.7	499.7	0.9	1.0	-156.75	90.9	41.2	109.7	109.7	0.00	N/A					
600.0	599.3	599.3	599.3	1.2	1.2	-158.42	90.9	41.2	117.8	117.8	0.00	N/A					
700.0	698.9	698.9	698.9	1.5	1.4	-159.88	90.9	41.2	125.9	125.9	0.00	N/A					
800.0	798.5	798.5	798.5	1.7	1.7	-161.16	90.9	41.2	134.2	134.2	0.00	N/A					
900.0	898.2	898.2	898.2	2.0	1.9	-162.29	90.9	41.2	142.4	142.4	0.00	N/A					
1,000.0	997.8	997.8	997.8	2.3	2.1	-163.30	90.9	41.2	150.8	150.8	0.00	N/A					
1,100.0	1,097.4	1,097.4	1,097.4	2.5	2.3	-164.20	90.9	41.2	159.1	159.1	0.00	N/A					
1,200.0	1,197.0	1,197.0	1,197.0	2.8	2.6	-165.01	90.9	41.2	167.5	167.5	0.00	N/A					
1,300.0	1,296.6	1,296.6	1,296.6	3.1	2.8	-165.75	90.9	41.2	176.0	176.0	0.00	N/A					
1,400.0	1,396.3	1,396.3	1,396.3	3.4	3.0	-166.41	90.9	41.2	184.4	184.4	0.00	N/A					
1,500.0	1,495.9	1,495.9	1,495.9	3.7	3.2	-167.02	90.9	41.2	192.9	192.9	0.00	N/A					
1,600.0	1,595.5	1,595.5	1,595.5	3.9	3.5	-167.58	90.9	41.2	201.4	201.4	0.00	N/A					
1,700.0	1,695.1	1,695.1	1,695.1	4.2	3.7	-168.09	90.9	41.2	209.9	209.9	0.00	N/A					
1,800.0	1,794.7	1,794.7	1,794.7	4.5	3.9	-168.56	90.9	41.2	218.5	218.5	0.00	N/A					
1,900.0	1,894.4	1,894.4	1,894.4	4.8	4.1	-169.00	90.9	41.2	227.0	227.0	0.00	N/A					

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Weatherford International Ltd.

## Anticollision Report



<b>Company:</b>	STEWART PETROLEUM CORPORATION	<b>Local Co-ordinate Reference:</b>	Well TUMBLEWEED #19-1
<b>Project:</b>	UINTAH COUNTY, UT	<b>TVD Reference:</b>	WELL @ 7240.0ft (Original Well Elev)
<b>Reference Site:</b>	TUMBLEWEED #18-9 PAD	<b>MD Reference:</b>	WELL @ 7240.0ft (Original Well Elev)
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	Grid
<b>Reference Well:</b>	TUMBLEWEED #19-1	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	TUMBLEWEED #19-1	<b>Database:</b>	EDM 2003.21 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design TUMBLEWEED #18-9 PAD - TUMBLEWEED #18-8 - TUMBLEWEED #18-8 - Design #1													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
2,000.0	1,994.0	1,994.0	1,994.0	5.1	4.4	-169.40	90.9	41.2	235.6	235.6	0.00	N/A		
2,100.0	2,093.6	2,093.6	2,093.6	5.3	4.6	-169.78	90.9	41.2	244.2	244.2	0.00	N/A		
2,200.0	2,193.2	2,193.2	2,193.2	5.6	4.8	-170.13	90.9	41.2	252.8	252.8	0.00	N/A		
2,267.0	2,260.0	2,260.0	2,260.0	5.8	5.0	-170.35	90.9	41.2	258.5	258.5	0.00	N/A		
2,300.0	2,292.8	2,290.4	2,290.4	5.9	5.0	-170.46	91.0	41.2	261.7	261.7	0.00	N/A		
2,400.0	2,392.1	2,382.0	2,382.0	6.2	5.2	-171.05	93.3	40.2	275.4	275.4	0.00	N/A		
2,500.0	2,491.0	2,472.1	2,471.9	6.6	5.4	-171.94	98.1	38.2	295.3	295.3	0.00	N/A		
2,600.0	2,589.3	2,560.1	2,559.6	6.9	5.6	-173.01	105.4	35.2	321.3	321.3	0.00	N/A		
2,700.0	2,686.8	2,645.6	2,644.5	7.4	5.8	-174.16	114.8	31.3	353.3	353.3	0.00	N/A		
2,723.0	2,709.2	2,664.9	2,663.6	7.5	5.9	-174.42	117.2	30.3	361.5	361.5	0.00	N/A		
2,800.0	2,783.8	2,735.0	2,733.0	7.8	6.0	-175.41	126.6	26.4	389.8	389.8	0.00	N/A		
2,900.0	2,880.8	2,827.7	2,824.7	8.3	6.3	-176.51	138.9	21.2	426.6	426.6	0.00	N/A		
3,000.0	2,977.8	2,920.4	2,916.4	8.8	6.5	-177.44	151.3	16.1	463.6	463.6	0.00	N/A		
3,100.0	3,074.8	3,013.1	3,008.1	9.2	6.8	-178.23	163.7	10.9	500.6	500.6	0.00	N/A		
3,200.0	3,171.7	3,105.7	3,099.8	9.7	7.0	-178.91	176.0	5.8	537.7	537.7	0.00	N/A		
3,300.0	3,268.7	3,198.4	3,191.5	10.2	7.3	-179.51	188.4	0.6	574.9	574.9	0.00	N/A		
3,400.0	3,365.7	3,291.1	3,283.2	10.7	7.5	179.97	200.8	-4.5	612.1	612.1	0.00	N/A		
3,500.0	3,462.7	3,383.8	3,374.9	11.2	7.8	179.51	213.2	-9.7	649.4	649.4	0.00	N/A		
3,600.0	3,559.7	3,476.5	3,466.6	11.7	8.1	179.09	225.5	-14.9	686.7	686.7	0.00	N/A		
3,700.0	3,656.6	3,569.1	3,558.3	12.2	8.3	178.72	237.9	-20.0	724.0	724.0	0.00	N/A		
3,800.0	3,753.6	3,661.8	3,650.0	12.7	8.6	178.39	250.3	-25.2	761.4	761.4	0.00	N/A		
3,900.0	3,850.6	3,754.5	3,741.7	13.2	8.9	178.09	262.6	-30.3	798.7	798.7	0.00	N/A		
4,000.0	3,947.6	3,847.2	3,833.4	13.7	9.2	177.81	275.0	-35.5	836.1	836.1	0.00	N/A		
4,100.0	4,044.5	3,939.8	3,925.1	14.2	9.5	177.56	287.4	-40.6	873.5	873.5	0.00	N/A		
4,200.0	4,141.5	4,032.5	4,016.8	14.6	9.8	177.33	299.7	-45.8	910.9	910.9	0.00	N/A		
4,300.0	4,238.5	4,125.2	4,108.5	15.1	10.0	177.11	312.1	-50.9	948.4	948.4	0.00	N/A		
4,400.0	4,335.5	4,217.9	4,200.2	15.6	10.3	176.92	324.5	-56.1	985.8	985.8	0.00	N/A		
4,500.0	4,432.5	4,310.5	4,291.9	16.2	10.6	176.73	336.8	-61.2	1,023.2	1,023.2	0.00	N/A		
4,600.0	4,529.4	4,403.2	4,383.6	16.7	10.9	176.56	349.2	-66.4	1,060.7	1,060.7	0.00	N/A		
4,700.0	4,626.4	4,495.9	4,475.3	17.2	11.2	176.40	361.6	-71.5	1,098.2	1,098.2	0.00	N/A		
4,800.0	4,723.4	4,588.6	4,567.0	17.7	11.5	176.26	373.9	-76.7	1,135.6	1,135.6	0.00	N/A		
4,900.0	4,820.4	4,681.3	4,658.7	18.2	11.8	176.12	386.3	-81.8	1,173.1	1,173.1	0.00	N/A		
5,000.0	4,917.4	4,773.9	4,750.4	18.7	12.1	175.99	398.7	-87.0	1,210.6	1,210.6	0.00	N/A		
5,100.0	5,014.3	4,866.6	4,842.1	19.2	12.4	175.87	411.0	-92.1	1,248.1	1,248.1	0.00	N/A		
5,200.0	5,111.3	4,959.3	4,933.8	19.7	12.7	175.75	423.4	-97.3	1,285.6	1,285.6	0.00	N/A		
5,300.0	5,208.3	5,052.0	5,025.5	20.2	13.0	175.64	435.8	-102.4	1,323.0	1,323.0	0.00	N/A		
5,400.0	5,305.3	5,144.6	5,117.2	20.7	13.3	175.54	448.1	-107.6	1,360.5	1,360.5	0.00	N/A		
5,500.0	5,402.3	5,237.3	5,208.9	21.2	13.6	175.44	460.5	-112.8	1,398.0	1,398.0	0.00	N/A		
5,600.0	5,499.2	5,330.0	5,300.6	21.7	13.9	175.35	472.9	-117.9	1,435.6	1,435.6	0.00	N/A		
5,700.0	5,596.2	5,422.7	5,392.4	22.2	14.2	175.26	485.2	-123.1	1,473.1	1,473.1	0.00	N/A		
5,800.0	5,693.2	5,515.3	5,484.1	22.7	14.5	175.18	497.6	-128.2	1,510.6	1,510.6	0.00	N/A		
5,900.0	5,790.2	5,608.0	5,575.8	23.2	14.9	175.10	510.0	-133.4	1,548.1	1,548.1	0.00	N/A		
6,000.0	5,887.1	5,700.7	5,667.5	23.7	15.2	175.03	522.3	-138.5	1,585.6	1,585.6	0.00	N/A		
6,100.0	5,984.1	5,793.4	5,759.2	24.2	15.5	174.96	534.7	-143.7	1,623.1	1,623.1	0.00	N/A		
6,200.0	6,081.1	5,886.0	5,850.9	24.7	15.8	174.89	547.1	-148.8	1,660.6	1,660.6	0.00	N/A		
6,300.0	6,178.1	5,978.7	5,942.6	25.3	16.1	174.82	559.4	-154.0	1,698.2	1,698.2	0.00	N/A		
6,400.0	6,275.1	6,071.4	6,034.3	25.8	16.4	174.76	571.8	-159.1	1,735.7	1,735.7	0.00	N/A		
6,500.0	6,372.0	6,164.1	6,126.0	26.3	16.7	174.70	584.2	-164.3	1,773.2	1,773.2	0.00	N/A		
6,600.0	6,469.0	6,256.8	6,217.7	26.8	17.0	174.64	596.5	-169.4	1,810.7	1,810.7	0.00	N/A		
6,700.0	6,566.0	6,349.4	6,309.4	27.3	17.3	174.59	608.9	-174.6	1,848.3	1,848.3	0.00	N/A		
6,800.0	6,663.0	6,442.1	6,401.1	27.8	17.6	174.53	621.3	-179.7	1,885.8	1,885.8	0.00	N/A		
6,900.0	6,760.0	6,534.8	6,492.8	28.3	18.0	174.48	633.6	-184.9	1,923.3	1,923.3	0.00	N/A		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

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## Anticollision Report



<b>Company:</b>	STEWART PETROLEUM CORPORATION	<b>Local Co-ordinate Reference:</b>	Well TUMBLEWEED #19-1
<b>Project:</b>	UINTAH COUNTY, UT	<b>TVD Reference:</b>	WELL @ 7240.0ft (Original Well Elev)
<b>Reference Site:</b>	TUMBLEWEED #18-9 PAD	<b>MD Reference:</b>	WELL @ 7240.0ft (Original Well Elev)
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	Grid
<b>Reference Well:</b>	TUMBLEWEED #19-1	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	TUMBLEWEED #19-1	<b>Database:</b>	EDM 2003.21 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design TUMBLEWEED #18-9 PAD - TUMBLEWEED #18-8 - TUMBLEWEED #18-8 - Design #1												Offset Site Error:	0.0 ft
Survey Program: 0-MWD												Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	
7,000.0	6,856.9	6,627.5	6,584.5	28.8	18.3	174.43	646.0	-190.0	1,960.9	1,960.9	0.00	N/A	
7,100.0	6,953.9	6,720.1	6,676.2	29.3	18.6	174.39	658.4	-195.2	1,998.4	1,998.4	0.00	N/A	
7,200.0	7,050.9	6,812.8	6,767.9	29.8	18.9	174.34	670.7	-200.3	2,035.9	2,035.9	0.00	N/A	
7,300.0	7,147.9	6,905.5	6,859.6	30.3	19.2	174.30	683.1	-205.5	2,073.5	2,073.5	0.00	N/A	
7,400.0	7,244.8	6,998.2	6,951.3	30.9	19.5	174.25	695.5	-210.7	2,111.0	2,111.0	0.00	N/A	
7,500.0	7,341.8	7,090.8	7,043.0	31.4	19.8	174.21	707.8	-215.8	2,148.5	2,148.5	0.00	N/A	
7,600.0	7,438.8	7,183.5	7,134.7	31.9	20.1	174.17	720.2	-221.0	2,186.1	2,186.1	0.00	N/A	
7,700.0	7,535.8	7,276.2	7,226.4	32.4	20.5	174.14	732.6	-226.1	2,223.6	2,223.6	0.00	N/A	
7,800.0	7,632.8	7,368.9	7,318.1	32.9	20.8	174.10	744.9	-231.3	2,261.1	2,261.1	0.00	N/A	
7,900.0	7,729.7	7,461.6	7,409.8	33.4	21.1	174.06	757.3	-236.4	2,298.7	2,298.7	0.00	N/A	
8,000.0	7,826.7	7,554.2	7,501.5	33.9	21.4	174.03	769.7	-241.6	2,336.2	2,336.2	0.00	N/A	
8,100.0	7,923.7	7,646.9	7,593.2	34.4	21.7	174.00	782.0	-246.7	2,373.8	2,373.8	0.00	N/A	
8,200.0	8,020.7	7,739.6	7,684.9	34.9	22.0	173.96	794.4	-251.9	2,411.3	2,411.3	0.00	N/A	
8,300.0	8,117.7	7,832.3	7,776.6	35.4	22.3	173.93	806.8	-257.0	2,448.9	2,448.9	0.00	N/A	
8,400.0	8,214.6	7,924.9	7,868.3	36.0	22.7	173.90	819.1	-262.2	2,486.4	2,486.4	0.00	N/A	
8,500.0	8,311.6	8,017.6	7,960.0	36.5	23.0	173.87	831.5	-267.3	2,523.9	2,523.9	0.00	N/A	
8,600.0	8,408.6	8,110.3	8,051.7	37.0	23.3	173.85	843.9	-272.5	2,561.5	2,561.5	0.00	N/A	
8,700.0	8,505.6	8,203.0	8,143.4	37.5	23.6	173.82	856.2	-277.6	2,599.0	2,599.0	0.00	N/A	
8,800.0	8,602.6	8,295.6	8,235.2	38.0	23.9	173.79	868.6	-282.8	2,636.6	2,636.6	0.00	N/A	
8,900.0	8,699.5	8,388.3	8,326.9	38.5	24.2	173.76	881.0	-287.9	2,674.1	2,674.1	0.00	N/A	
9,000.0	8,796.5	8,481.0	8,418.6	39.0	24.6	173.74	893.3	-293.1	2,711.7	2,711.7	0.00	N/A	
9,094.5	8,888.2	8,568.6	8,505.2	39.5	24.9	173.72	905.0	-298.0	2,747.2	2,747.2	0.00	N/A	
9,100.0	8,893.5	8,573.7	8,510.3	39.5	24.9	173.72	905.7	-298.2	2,749.2	2,749.2	0.00	N/A	
9,200.0	8,990.8	8,666.9	8,602.5	39.9	25.2	173.75	918.1	-303.4	2,785.4	2,785.4	0.00	N/A	
9,300.0	9,088.7	8,761.0	8,695.6	40.2	25.5	173.78	930.7	-308.7	2,819.2	2,819.2	0.00	N/A	
9,400.0	9,187.1	8,855.9	8,789.6	40.5	25.8	173.79	943.4	-313.9	2,850.5	2,850.5	0.00	N/A	
9,500.0	9,285.9	8,951.7	8,884.3	40.7	26.2	173.80	956.1	-319.3	2,879.3	2,879.3	0.00	N/A	
9,600.0	9,385.1	9,048.1	8,979.7	41.0	26.5	173.80	969.0	-324.6	2,905.7	2,905.7	0.00	N/A	
9,700.0	9,484.6	9,145.2	9,075.8	41.2	26.8	173.78	982.0	-330.0	2,929.5	2,929.5	0.00	N/A	
9,800.0	9,584.3	9,242.9	9,172.4	41.3	27.2	173.76	995.0	-335.5	2,950.8	2,950.8	0.00	N/A	
9,900.0	9,684.2	9,341.0	9,269.6	41.5	27.5	173.73	1,008.1	-340.9	2,969.5	2,969.5	0.00	N/A	
10,000.0	9,784.2	9,415.0	9,341.0	41.6	28.2	173.60	1,038.2	-353.4	2,984.0	2,984.0	0.00	N/A	
10,035.8	9,820.0	9,458.0	9,384.2	41.6	28.5	-7.66	1,047.0	-357.1	2,986.4	2,986.4	0.00	N/A	
10,100.0	9,884.2	9,518.0	9,444.2	41.7	28.8	-7.68	1,050.7	-358.7	2,987.4	2,987.4	0.00	N/A	
10,200.0	9,984.2	9,618.0	9,544.2	41.8	29.0	-7.68	1,050.7	-358.7	2,987.4	2,987.4	0.00	N/A	
10,300.0	10,084.2	9,718.0	9,644.2	41.9	29.1	-7.68	1,050.7	-358.7	2,987.4	2,987.4	0.00	N/A	
10,400.0	10,184.2	9,818.0	9,744.2	41.9	29.3	-7.68	1,050.7	-358.7	2,987.4	2,987.4	0.00	N/A	
10,500.0	10,284.2	9,918.0	9,844.2	42.0	29.5	-7.68	1,050.7	-358.7	2,987.4	2,987.4	0.00	N/A	
10,600.0	10,384.2	10,018.0	9,944.2	42.1	29.6	-7.68	1,050.7	-358.7	2,987.4	2,987.4	0.00	N/A	
10,700.0	10,484.2	10,118.0	10,044.2	42.2	29.8	-7.68	1,050.7	-358.7	2,987.4	2,987.4	0.00	N/A	
10,800.0	10,584.2	10,218.0	10,144.2	42.3	30.0	-7.68	1,050.7	-358.7	2,987.4	2,987.4	0.00	N/A	
10,900.0	10,684.2	10,318.0	10,244.2	42.4	30.1	-7.68	1,050.7	-358.7	2,987.4	2,987.4	0.00	N/A	
11,000.0	10,784.2	10,418.0	10,344.2	42.5	30.3	-7.68	1,050.7	-358.7	2,987.4	2,987.4	0.00	N/A	
11,100.0	10,884.2	10,518.0	10,444.2	42.6	30.5	-7.68	1,050.7	-358.7	2,987.4	2,987.4	0.00	N/A	
11,200.0	10,984.2	10,618.0	10,544.2	42.7	30.7	-7.68	1,050.7	-358.7	2,987.4	2,987.4	0.00	N/A	
11,300.0	11,084.2	10,718.0	10,644.2	42.8	30.8	-7.68	1,050.7	-358.7	2,987.4	2,987.4	0.00	N/A	
11,400.0	11,184.2	10,818.0	10,744.2	42.9	31.0	-7.68	1,050.7	-358.7	2,987.4	2,987.4	0.00	N/A	
11,500.0	11,284.2	10,918.0	10,844.2	43.0	31.2	-7.68	1,050.7	-358.7	2,987.4	2,987.4	0.00	N/A	
11,600.0	11,384.2	11,018.0	10,944.2	43.1	31.4	-7.68	1,050.7	-358.7	2,987.4	2,987.4	0.00	N/A	
11,700.0	11,484.2	11,118.0	11,044.2	43.2	31.5	-7.68	1,050.7	-358.7	2,987.4	2,987.4	0.00	N/A	
11,800.0	11,584.2	11,218.0	11,144.2	43.3	31.7	-7.68	1,050.7	-358.7	2,987.4	2,987.4	0.00	N/A	
11,900.0	11,684.2	11,318.0	11,244.2	43.4	31.9	-7.68	1,050.7	-358.7	2,987.4	2,987.4	0.00	N/A	

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

**Weatherford International Ltd.**  
Anticollision Report



<b>Company:</b>	STEWART PETROLEUM CORPORATION	<b>Local Co-ordinate Reference:</b>	Well TUMBLEWEED #19-1
<b>Project:</b>	UINTAH COUNTY, UT	<b>TVD Reference:</b>	WELL @ 7240.0ft (Original Well Elev)
<b>Reference Site:</b>	TUMBLEWEED #18-9 PAD	<b>MD Reference:</b>	WELL @ 7240.0ft (Original Well Elev)
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	Grid
<b>Reference Well:</b>	TUMBLEWEED #19-1	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	TUMBLEWEED #19-1	<b>Database:</b>	EDM 2003.21 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b> TUMBLEWEED #18-9 PAD - TUMBLEWEED #18-8 - TUMBLEWEED #18-8 - Design #1												<b>Offset Site Error:</b>	0.0 ft
Survey Program: 0-MWD												<b>Offset Well Error:</b>	0.0 ft
Reference	Offset	Semi Major Axis		Distance									Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	
12,000.0	11,784.2	11,858.0	11,784.2	43.5	32.1	-7.68	1,050.7	-358.7	2,987.4	2,987.4	0.00	N/A	
12,100.0	11,884.2	11,958.0	11,884.2	43.6	32.2	-7.68	1,050.7	-358.7	2,987.4	2,987.4	0.00	N/A	
12,200.0	11,984.2	12,058.0	11,984.2	43.7	32.4	-7.68	1,050.7	-358.7	2,987.4	2,987.4	0.00	N/A	
12,215.8	12,000.0	12,073.9	12,000.0	43.7	32.5	-7.68	1,050.7	-358.7	2,987.4	2,987.4	0.00	N/A	

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## Anticollision Report



<b>Company:</b>	STEWART PETROLEUM CORPORATION	<b>Local Co-ordinate Reference:</b>	Well TUMBLEWEED #19-1
<b>Project:</b>	UINTAH COUNTY, UT	<b>TVD Reference:</b>	WELL @ 7240.0ft (Original Well Elev)
<b>Reference Site:</b>	TUMBLEWEED #18-9 PAD	<b>MD Reference:</b>	WELL @ 7240.0ft (Original Well Elev)
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	Grid
<b>Reference Well:</b>	TUMBLEWEED #19-1	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	TUMBLEWEED #19-1	<b>Database:</b>	EDM 2003.21 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design TUMBLEWEED #18-9 PAD - TUMBLEWEED #18-9 - TUMBLEWEED #18-9 - 1													Offset Site Error:	0.0 ft
Survey Program: 2202-MWD, 10370-													Offset Well Error:	0.0 ft
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Semi Major Axis Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Distance Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
0.0	0.0	0.0	0.0	0.0	0.0	16.95	37.9	11.6	39.6					
100.0	100.0	100.0	100.0	0.1	0.1	16.92	37.9	11.5	39.6	39.6	0.00	N/A		
200.0	200.0	200.0	200.0	0.3	0.2	16.85	37.8	11.5	39.5	39.5	0.00	N/A		
250.0	250.0	250.1	250.1	0.4	0.3	16.79	37.8	11.4	39.5	39.5	0.00	N/A		
254.2	254.2	254.2	254.2	0.4	0.3	-161.99	37.8	11.4	39.5	39.5	0.00	N/A CC, ES		
300.0	300.0	300.1	300.1	0.5	0.3	-162.25	37.7	11.3	39.8	39.8	0.00	N/A		
400.0	399.9	400.0	400.0	0.7	0.5	-163.81	37.6	11.2	43.0	43.0	0.00	N/A		
500.0	499.7	499.8	499.8	0.9	0.6	-166.22	37.4	10.9	49.5	49.5	0.00	N/A		
600.0	599.3	599.5	599.5	1.2	0.7	-168.49	37.2	10.7	57.7	57.7	0.00	N/A		
700.0	698.9	699.1	699.1	1.5	0.8	-170.23	36.9	10.4	65.9	65.9	0.00	N/A		
800.0	798.5	798.8	798.8	1.7	0.9	-171.61	36.6	10.0	74.2	74.2	0.00	N/A		
900.0	898.2	898.5	898.5	2.0	1.0	-172.75	36.2	9.6	82.4	82.4	0.00	N/A		
1,000.0	997.8	998.2	998.2	2.3	1.1	-173.71	35.8	9.1	90.6	90.6	0.00	N/A		
1,100.0	1,097.4	1,097.9	1,097.9	2.5	1.2	-174.53	35.4	8.6	98.8	98.8	0.00	N/A		
1,200.0	1,197.0	1,197.6	1,197.6	2.8	1.4	-175.25	34.9	8.1	107.0	107.0	0.00	N/A		
1,300.0	1,296.6	1,297.3	1,297.3	3.1	1.5	-175.90	34.4	7.5	115.1	115.1	0.00	N/A		
1,400.0	1,396.3	1,397.0	1,397.0	3.4	1.6	-176.48	33.8	6.8	123.2	123.2	0.00	N/A		
1,500.0	1,495.9	1,496.8	1,496.7	3.7	1.7	-177.01	33.2	6.1	131.3	131.3	0.00	N/A		
1,600.0	1,595.5	1,596.5	1,596.5	3.9	1.8	-177.49	32.5	5.4	139.3	139.3	0.00	N/A		
1,700.0	1,695.1	1,696.2	1,696.2	4.2	1.9	-177.95	31.9	4.6	147.3	147.3	0.00	N/A		
1,800.0	1,794.7	1,796.0	1,795.9	4.5	2.0	-178.37	31.1	3.7	155.3	155.3	0.00	N/A		
1,900.0	1,894.4	1,895.7	1,895.7	4.8	2.1	-178.77	30.3	2.9	163.2	163.2	0.00	N/A		
2,000.0	1,994.0	1,995.5	1,995.4	5.1	2.3	-179.15	29.5	1.9	171.1	171.1	0.00	N/A		
2,100.0	2,093.6	2,095.2	2,095.2	5.3	2.4	-179.51	28.7	0.9	179.0	179.0	0.00	N/A		
2,200.0	2,193.2	2,195.0	2,194.9	5.6	2.5	-179.85	27.8	-0.1	186.8	186.8	0.00	N/A		
2,267.0	2,260.0	2,263.6	2,263.5	5.8	2.6	-179.80	26.8	-1.2	191.8	191.8	0.00	N/A		
2,300.0	2,292.8	2,296.4	2,296.3	5.9	2.7	-179.52	26.2	-2.2	194.2	194.2	0.00	N/A		
2,400.0	2,392.1	2,396.9	2,396.7	6.2	2.9	-178.13	24.1	-7.1	203.9	203.9	0.00	N/A		
2,500.0	2,491.0	2,500.1	2,499.5	6.6	3.2	-176.20	20.4	-14.6	216.0	216.0	0.00	N/A		
2,600.0	2,589.3	2,605.4	2,604.2	6.9	3.5	-174.02	13.8	-23.9	229.1	229.1	0.00	N/A		
2,700.0	2,686.8	2,707.6	2,705.4	7.4	3.8	-171.64	4.8	-35.1	243.9	243.9	0.00	N/A		
2,723.0	2,709.2	2,731.0	2,728.5	7.5	3.8	-171.07	2.5	-38.0	247.6	247.6	0.00	N/A		
2,800.0	2,783.8	2,811.3	2,807.5	7.8	4.1	-168.95	-6.4	-49.1	259.8	259.8	0.00	N/A		
2,900.0	2,880.8	2,908.3	2,902.2	8.3	4.4	-165.93	-18.8	-65.7	275.2	275.2	0.00	N/A		
3,000.0	2,977.8	3,002.1	2,993.7	8.8	4.8	-163.04	-30.5	-83.2	292.1	292.1	0.00	N/A		
3,100.0	3,074.8	3,097.5	3,086.8	9.2	5.1	-160.52	-41.0	-100.9	311.0	311.0	0.00	N/A		
3,200.0	3,171.7	3,196.3	3,183.4	9.7	5.4	-158.27	-51.8	-118.9	330.4	330.4	0.00	N/A		
3,300.0	3,268.7	3,294.6	3,279.2	10.2	5.8	-156.17	-63.3	-137.3	349.7	349.7	0.00	N/A		
3,400.0	3,365.7	3,391.1	3,373.3	10.7	6.1	-154.31	-74.6	-155.4	369.5	369.5	0.00	N/A		
3,500.0	3,462.7	3,488.0	3,467.7	11.2	6.6	-152.54	-86.0	-174.1	389.8	389.8	0.00	N/A		
3,600.0	3,559.7	3,584.8	3,561.8	11.7	7.0	-150.87	-97.6	-193.4	410.5	410.5	0.00	N/A		
3,700.0	3,656.6	3,678.7	3,653.2	12.2	7.4	-149.39	-108.6	-212.3	432.0					
3,800.0	3,753.6	3,773.3	3,745.3	12.7	7.8	-148.12	-118.7	-231.2	454.3	454.3	0.01	N/A		
3,900.0	3,850.6	3,871.6	3,841.2	13.2	8.2	-146.99	-128.9	-250.5	477.0	477.0	0.01	N/A		
4,000.0	3,947.6	3,970.9	3,938.3	13.7	8.5	-146.15	-138.6	-268.3	499.4	499.4	0.01	N/A		
4,100.0	4,044.5	4,069.4	4,035.0	14.2	8.9	-145.47	-148.1	-285.3	521.6	521.6	0.01	N/A		
4,200.0	4,141.5	4,167.6	4,131.3	14.6	9.3	-144.89	-157.4	-301.7	543.6					
4,300.0	4,238.5	4,265.1	4,226.9	15.1	9.6	-144.36	-166.8	-318.0	565.6	565.6	0.00	N/A		
4,400.0	4,335.5	4,367.7	4,327.5	15.6	10.0	-143.79	-177.3	-335.4	587.3	587.3	0.00	N/A		
4,500.0	4,432.5	4,470.4	4,428.1	16.2	10.4	-143.18	-189.1	-352.8	608.1	608.1	0.00	N/A		
4,600.0	4,529.4	4,567.1	4,522.8	16.7	10.8	-142.68	-200.2	-368.8	628.7	628.7	0.00	N/A		
4,700.0	4,626.4	4,664.9	4,618.5	17.2	11.2	-142.19	-211.4	-385.1	649.5	649.5	0.00	N/A		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Weatherford International Ltd.

## Anticollision Report



<b>Company:</b>	STEWART PETROLEUM CORPORATION	<b>Local Co-ordinate Reference:</b>	Well TUMBLEWEED #19-1
<b>Project:</b>	UINTAH COUNTY, UT	<b>TVD Reference:</b>	WELL @ 7240.0ft (Original Well Elev)
<b>Reference Site:</b>	TUMBLEWEED #18-9 PAD	<b>MD Reference:</b>	WELL @ 7240.0ft (Original Well Elev)
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	Grid
<b>Reference Well:</b>	TUMBLEWEED #19-1	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	TUMBLEWEED #19-1	<b>Database:</b>	EDM 2003.21 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design TUMBLEWEED #18-9 PAD - TUMBLEWEED #18-9 - TUMBLEWEED #18-9 - 1													Offset Site Error:	0.0 ft
Survey Program: 2202-MWD, 10370-													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
4,800.0	4,723.4	4,776.1	4,727.7	17.7	11.6	141.80	-224.3	-401.8	669.2	669.2	0.00	N/A		
4,900.0	4,820.4	4,873.3	4,823.5	18.2	12.0	141.61	-235.3	-414.7	688.0	688.0	0.00	N/A		
5,000.0	4,917.4	4,973.4	4,922.0	18.7	12.3	141.44	-246.6	-427.5	706.5	706.5	0.00	N/A		
5,100.0	5,014.3	5,069.0	5,015.9	19.2	12.7	141.14	-258.5	-441.4	725.3	725.3	0.00	N/A		
5,200.0	5,111.3	5,154.6	5,099.4	19.7	13.1	140.68	-270.3	-456.0	744.7	744.7	0.00	N/A		
5,300.0	5,208.3	5,250.1	5,192.2	20.2	13.5	140.08	-283.1	-474.7	766.0	766.0	0.00	N/A		
5,400.0	5,305.3	5,348.3	5,288.1	20.7	13.9	139.66	-295.2	-491.8	786.8	786.8	0.00	N/A		
5,500.0	5,402.3	5,443.9	5,382.0	21.2	14.3	139.45	-305.1	-506.9	808.0	808.0	0.00	N/A		
5,600.0	5,499.2	5,542.6	5,479.0	21.7	14.7	139.27	-315.3	-522.2	829.1	829.1	0.00	N/A		
5,700.0	5,596.2	5,645.3	5,579.8	22.2	15.1	139.05	-326.3	-538.5	850.1	850.1	0.00	N/A		
5,800.0	5,693.2	5,739.3	5,672.1	22.7	15.4	138.86	-336.6	-553.0	870.7	870.7	0.00	N/A		
5,900.0	5,790.2	5,836.0	5,767.0	23.2	15.8	138.68	-346.7	-568.3	892.0	892.0	0.00	N/A		
6,000.0	5,887.1	5,922.6	5,852.1	23.7	16.1	138.55	-355.1	-582.2	913.9	913.9	0.00	N/A		
6,100.0	5,984.1	6,023.9	5,951.4	24.2	16.5	138.33	-365.5	-599.5	936.0	936.0	0.00	N/A		
6,200.0	6,081.1	6,127.6	6,053.1	24.7	17.0	138.14	-376.2	-616.5	957.8	957.8	0.00	N/A		
6,300.0	6,178.1	6,223.6	6,147.5	25.3	17.3	138.04	-385.9	-631.1	978.9	978.9	0.00	N/A		
6,400.0	6,275.1	6,311.7	6,233.7	25.8	17.7	137.83	-395.5	-646.7	1,001.0	1,001.0	0.00	N/A		
6,500.0	6,372.0	6,406.6	6,326.4	26.3	18.1	137.58	-405.9	-663.9	1,023.4	1,023.4	0.00	N/A		
6,600.0	6,469.0	6,516.1	6,433.5	26.8	18.5	137.33	-417.9	-683.3	1,045.7	1,045.7	0.00	N/A		
6,700.0	6,566.0	6,621.4	6,536.6	27.3	19.0	137.11	-430.1	-701.0	1,066.7	1,066.7	0.00	N/A		
6,800.0	6,663.0	6,715.5	6,628.9	27.8	19.3	136.97	-440.5	-716.1	1,087.7	1,087.7	0.00	N/A		
6,900.0	6,760.0	6,791.0	6,703.0	28.3	19.6	136.90	-447.8	-728.3	1,109.9	1,109.9	0.00	N/A		
7,000.0	6,856.9	6,877.0	6,787.3	28.8	20.0	136.78	-455.6	-743.8	1,133.6	1,133.6	0.00	N/A		
7,100.0	6,953.9	6,987.1	6,895.6	29.3	20.4	136.77	-464.0	-761.5	1,157.1	1,157.1	0.00	N/A		
7,200.0	7,050.9	7,076.7	6,984.0	29.8	20.7	136.83	-470.1	-774.6	1,180.2	1,180.2	0.00	N/A		
7,300.0	7,147.9	7,138.6	7,044.9	30.3	20.9	136.82	-474.0	-785.3	1,205.3	1,205.3	0.00	N/A		
7,400.0	7,244.8	7,216.5	7,121.0	30.9	21.2	136.74	-478.6	-801.1	1,232.7	1,232.7	0.00	N/A		
7,500.0	7,341.8	7,295.3	7,198.0	31.4	21.6	136.70	-482.1	-817.1	1,261.3	1,261.3	0.00	N/A		
7,600.0	7,438.8	7,433.7	7,333.0	31.9	22.1	136.50	-490.5	-846.7	1,289.6	1,289.6	0.00	N/A		
7,700.0	7,535.8	7,551.6	7,448.4	32.4	22.6	136.40	-499.5	-868.7	1,314.8	1,314.8	0.00	N/A		
7,800.0	7,632.8	7,633.9	7,528.6	32.9	23.0	136.23	-507.3	-885.5	1,339.8	1,339.8	0.00	N/A		
7,900.0	7,729.7	7,730.0	7,622.0	33.4	23.4	136.01	-516.4	-906.2	1,365.8	1,365.8	0.00	N/A		
8,000.0	7,826.7	7,839.9	7,729.4	33.9	23.9	135.86	-525.8	-927.9	1,391.1	1,391.1	0.00	N/A		
8,100.0	7,923.7	7,935.8	7,823.0	34.4	24.3	135.71	-534.7	-946.8	1,415.9	1,415.9	0.00	N/A		
8,200.0	8,020.7	8,055.5	7,939.8	34.9	24.8	135.51	-547.0	-969.7	1,439.6	1,439.6	0.00	N/A		
8,300.0	8,117.7	8,177.2	8,058.9	35.4	25.3	135.37	-559.7	-991.5	1,462.4	1,462.4	0.00	N/A		
8,400.0	8,214.6	8,282.0	8,161.6	36.0	25.7	135.28	-571.5	-1,008.3	1,483.4	1,483.4	0.00	N/A		
8,500.0	8,311.6	8,365.9	8,243.5	36.5	26.1	135.13	-581.6	-1,023.8	1,505.4	1,505.4	0.00	N/A		
8,600.0	8,408.6	8,481.8	8,356.5	37.0	26.6	134.92	-596.3	-1,044.9	1,526.9	1,526.9	0.00	N/A		
8,700.0	8,505.6	8,559.9	8,432.7	37.5	27.0	134.80	-605.9	-1,058.7	1,548.3	1,548.3	0.00	N/A		
8,800.0	8,602.6	8,645.5	8,516.4	38.0	27.3	134.70	-615.4	-1,074.1	1,570.7	1,570.7	0.00	N/A		
8,900.0	8,699.5	8,724.5	8,593.4	38.5	27.7	134.57	-624.1	-1,089.5	1,594.2	1,594.2	0.00	N/A		
9,000.0	8,796.5	8,821.1	8,687.2	39.0	28.1	134.37	-635.4	-1,109.5	1,618.1	1,618.1	0.00	N/A		
9,094.5	8,888.2	8,884.2	8,748.5	39.5	28.4	134.26	-642.2	-1,122.7	1,641.5	1,641.5	0.00	N/A		
9,100.0	8,893.5	8,887.4	8,751.7	39.5	28.4	134.27	-642.6	-1,123.4	1,642.9	1,642.9	0.00	N/A		
9,200.0	8,990.8	8,970.0	8,831.9	39.9	28.8	134.39	-650.1	-1,141.5	1,668.5	1,668.5	0.00	N/A		
9,300.0	9,088.7	9,072.5	8,931.6	40.2	29.3	134.42	-658.9	-1,163.2	1,692.1	1,692.1	0.00	N/A		
9,400.0	9,187.1	9,168.9	9,025.7	40.5	29.7	134.42	-666.4	-1,183.0	1,714.1	1,714.1	0.00	N/A		
9,500.0	9,285.9	9,271.0	9,125.9	40.7	30.1	134.42	-672.5	-1,201.9	1,734.0	1,734.0	0.00	N/A		
9,600.0	9,385.1	9,429.6	9,282.4	41.0	30.6	134.30	-681.2	-1,226.3	1,750.2	1,750.2	0.00	N/A		
9,700.0	9,484.6	9,543.6	9,395.3	41.2	31.0	134.25	-687.1	-1,240.3	1,762.7	1,762.7	0.00	N/A		
9,800.0	9,584.3	9,643.1	9,494.1	41.3	31.2	134.21	-691.0	-1,250.9	1,773.0	1,773.0	0.00	N/A		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Weatherford International Ltd.

## Anticollision Report



<b>Company:</b>	STEWART PETROLEUM CORPORATION	<b>Local Co-ordinate Reference:</b>	Well TUMBLEWEED #19-1
<b>Project:</b>	UINTAH COUNTY, UT	<b>TVD Reference:</b>	WELL @ 7240.0ft (Original Well Elev)
<b>Reference Site:</b>	TUMBLEWEED #18-9 PAD	<b>MD Reference:</b>	WELL @ 7240.0ft (Original Well Elev)
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	Grid
<b>Reference Well:</b>	TUMBLEWEED #19-1	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	TUMBLEWEED #19-1	<b>Database:</b>	EDM 2003.21 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design TUMBLEWEED #18-9 PAD - TUMBLEWEED #18-9 - TUMBLEWEED #18-9 - 1													Offset Site Error:	0.0 ft
Survey Program: 2202-MWD, 10370-													Offset Well Error:	0.0 ft
Reference	Offset	Semi Major Axis			Distance								Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
9,900.0	9,684.2	9,762.5	9,613.0	41.5	31.5	134.13	-693.9	-1,261.2	1,781.1	1,781.1	0.00	N/A		
10,000.0	9,784.2	9,866.3	9,716.6	41.6	31.8	134.04	-696.0	-1,268.3	1,786.3	1,786.3	0.00	N/A		
10,035.8	9,820.0	9,902.5	9,752.8	41.6	31.8	-47.21	-696.3	-1,270.6	1,787.8	1,787.8	0.00	N/A		
10,100.0	9,884.2	9,994.5	9,844.6	41.7	32.0	-47.36	-697.8	-1,275.7	1,789.7	1,789.7	0.00	N/A		
10,200.0	9,984.2	10,106.9	9,956.8	41.8	32.2	-47.51	-700.2	-1,280.2	1,791.2	1,791.2	0.00	N/A		
10,300.0	10,084.2	10,205.7	10,055.6	41.9	32.4	-47.63	-701.9	-1,283.7	1,792.7	1,792.7	0.00	N/A		
10,400.0	10,184.2	10,304.1	10,153.9	41.9	32.6	-47.72	-702.7	-1,286.8	1,794.4	1,794.4	0.00	N/A		
10,500.0	10,284.2	10,411.4	10,261.2	42.0	32.7	-47.78	-703.3	-1,289.4	1,795.9	1,795.9	0.00	N/A		
10,600.0	10,384.2	10,513.2	10,362.9	42.1	32.9	-47.84	-703.7	-1,291.5	1,797.1	1,797.1	0.00	N/A		
10,700.0	10,484.2	10,616.4	10,466.2	42.2	33.0	-47.89	-704.2	-1,293.4	1,798.2	1,798.2	0.00	N/A		
10,800.0	10,584.2	10,718.3	10,568.0	42.3	33.2	-47.93	-704.5	-1,295.0	1,799.1	1,799.1	0.00	N/A		
10,900.0	10,684.2	10,818.7	10,668.4	42.4	33.3	-47.97	-704.8	-1,296.5	1,800.0	1,800.0	0.00	N/A		
11,000.0	10,784.2	10,919.1	10,768.8	42.5	33.5	-48.01	-705.1	-1,297.9	1,800.9	1,800.9	0.00	N/A		
11,100.0	10,884.2	11,019.3	10,869.0	42.6	33.6	-48.05	-705.4	-1,299.3	1,801.7	1,801.7	0.00	N/A		
11,200.0	10,984.2	11,119.3	10,969.0	42.7	33.8	-48.08	-705.7	-1,300.7	1,802.5	1,802.5	0.00	N/A		
11,300.0	11,084.2	11,219.3	11,069.0	42.8	33.9	-48.12	-706.0	-1,302.1	1,803.4	1,803.4	0.00	N/A		
11,400.0	11,184.2	11,318.7	11,168.4	42.9	34.1	-48.16	-706.3	-1,303.5	1,804.2	1,804.2	0.00	N/A		
11,500.0	11,284.2	11,418.0	11,267.7	43.0	34.2	-48.20	-706.7	-1,305.0	1,805.1	1,805.1	0.00	N/A		
11,600.0	11,384.2	11,517.3	11,366.9	43.1	34.4	-48.24	-707.0	-1,306.5	1,806.1	1,806.1	0.00	N/A		
11,700.0	11,484.2	11,616.5	11,466.2	43.2	34.5	-48.28	-707.3	-1,308.2	1,807.0	1,807.0	0.00	N/A		
11,800.0	11,584.2	11,700.0	11,549.7	43.3	34.6	-48.32	-707.6	-1,309.6	1,808.1	1,808.1	0.00	N/A		
11,900.0	11,684.2	11,700.0	11,549.7	43.4	34.6	-48.32	-707.6	-1,309.6	1,812.8	1,812.8	0.00	N/A		
12,000.0	11,784.2	11,700.0	11,549.7	43.5	34.6	-48.32	-707.6	-1,309.6	1,822.9	1,822.9	0.00	N/A		
12,100.0	11,884.2	11,700.0	11,549.7	43.6	34.6	-48.32	-707.6	-1,309.6	1,838.5	1,838.5	0.00	N/A		
12,200.0	11,984.2	11,700.0	11,549.7	43.7	34.6	-48.32	-707.6	-1,309.6	1,859.3	1,859.3	0.00	N/A		
12,215.8	12,000.0	11,700.0	11,549.7	43.7	34.6	-48.32	-707.6	-1,309.6	1,863.0	1,863.0	0.00	N/A		



# Weatherford International Ltd.

## Anticollision Report



<b>Company:</b>	STEWART PETROLEUM CORPORATION	<b>Local Co-ordinate Reference:</b>	Well TUMBLEWEED #19-1
<b>Project:</b>	UINTAH COUNTY, UT	<b>TVD Reference:</b>	WELL @ 7240.0ft (Original Well Elev)
<b>Reference Site:</b>	TUMBLEWEED #18-9 PAD	<b>MD Reference:</b>	WELL @ 7240.0ft (Original Well Elev)
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	Grid
<b>Reference Well:</b>	TUMBLEWEED #19-1	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	TUMBLEWEED #19-1	<b>Database:</b>	EDM 2003.21 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design TUMBLEWEED #18-9 PAD - TUMBLEWEED #18-9 - TUMBLEWEED #18-9 - Plan #1													Offset Site Error:	0.0 ft
Survey Program: 0-MWD, 10370-													Offset Well Error:	0.0 ft
Reference	Offset	Semi Major Axis		Distance		Minimum		Separation		Warning				
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.0	0.0	0.0	0.0	0.0	0.0	16.95	37.9	11.6	39.6					
100.0	100.0	100.0	100.0	0.1	0.1	16.95	37.9	11.6	39.6	39.6	0.00	N/A		
200.0	200.0	200.0	200.0	0.3	0.3	16.95	37.9	11.6	39.6	39.6	0.00	N/A		
250.0	250.0	250.0	250.0	0.4	0.4	16.95	37.9	11.6	39.6	39.6	0.00	N/A CC, ES		
300.0	300.0	300.0	300.0	0.5	0.5	-162.02	37.9	11.6	40.1	40.1	0.00	N/A		
400.0	399.9	399.9	399.9	0.7	0.8	-163.43	37.9	11.6	43.4	43.4	0.00	N/A		
500.0	499.7	499.7	499.7	0.9	1.0	-165.67	37.9	11.6	50.1	50.1	0.00	N/A		
600.0	599.3	599.3	599.3	1.2	1.2	-167.78	37.9	11.6	58.6	58.6	0.00	N/A		
700.0	698.9	698.9	698.9	1.5	1.4	-169.35	37.9	11.6	67.1	67.1	0.00	N/A		
800.0	798.5	798.5	798.5	1.7	1.7	-170.57	37.9	11.6	75.7	75.7	0.00	N/A		
900.0	898.2	898.2	898.2	2.0	1.9	-171.54	37.9	11.6	84.3	84.3	0.00	N/A		
1,000.0	997.8	997.8	997.8	2.3	2.1	-172.33	37.9	11.6	93.0	93.0	0.00	N/A		
1,100.0	1,097.4	1,097.4	1,097.4	2.5	2.3	-172.99	37.9	11.6	101.6	101.6	0.00	N/A		
1,200.0	1,197.0	1,197.0	1,197.0	2.8	2.6	-173.54	37.9	11.6	110.3	110.3	0.00	N/A		
1,300.0	1,296.6	1,296.6	1,296.6	3.1	2.8	-174.01	37.9	11.6	118.9	118.9	0.00	N/A		
1,400.0	1,396.3	1,396.3	1,396.3	3.4	3.0	-174.42	37.9	11.6	127.6	127.6	0.00	N/A		
1,500.0	1,495.9	1,495.9	1,495.9	3.7	3.2	-174.78	37.9	11.6	136.3	136.3	0.00	N/A		
1,600.0	1,595.5	1,595.5	1,595.5	3.9	3.5	-175.09	37.9	11.6	145.0	145.0	0.00	N/A		
1,700.0	1,695.1	1,695.1	1,695.1	4.2	3.7	-175.37	37.9	11.6	153.6	153.6	0.00	N/A		
1,800.0	1,794.7	1,794.7	1,794.7	4.5	3.9	-175.62	37.9	11.6	162.3	162.3	0.00	N/A		
1,900.0	1,894.4	1,894.4	1,894.4	4.8	4.1	-175.84	37.9	11.6	171.0	171.0	0.00	N/A		
2,000.0	1,994.0	1,994.0	1,994.0	5.1	4.4	-176.04	37.9	11.6	179.7	179.7	0.00	N/A		
2,100.0	2,093.6	2,093.6	2,093.6	5.3	4.6	-176.22	37.9	11.6	188.4	188.4	0.00	N/A		
2,200.0	2,193.2	2,193.2	2,193.2	5.6	4.8	-176.39	37.9	11.6	197.1	197.1	0.00	N/A		
2,267.0	2,260.0	2,260.0	2,260.0	5.8	5.0	-176.50	37.9	11.6	202.9	202.9	0.00	N/A		
2,300.0	2,292.8	2,294.2	2,294.2	5.9	5.0	-176.59	37.8	11.4	205.9	205.9	0.00	N/A		
2,400.0	2,392.1	2,397.8	2,397.7	6.2	5.2	-177.47	36.2	8.7	215.9	215.9	0.00	N/A		
2,500.0	2,491.0	2,501.1	2,500.8	6.6	5.4	-179.10	32.7	2.9	227.5	227.5	0.00	N/A		
2,600.0	2,589.3	2,604.0	2,603.2	6.9	5.6	178.67	27.2	-6.1	241.0	241.0	0.00	N/A		
2,700.0	2,686.8	2,706.2	2,704.4	7.4	5.8	175.98	20.0	-18.1	256.6	256.6	0.00	N/A		
2,723.0	2,709.2	2,729.7	2,727.6	7.5	5.9	175.32	18.1	-21.3	260.6	260.6	0.00	N/A		
2,800.0	2,783.8	2,807.8	2,804.5	7.8	6.1	172.99	10.9	-33.1	273.7	273.7	0.00	N/A		
2,900.0	2,880.8	2,908.1	2,902.6	8.3	6.3	169.77	0.2	-50.9	290.3	290.3	0.00	N/A		
3,000.0	2,977.8	3,005.4	2,997.6	8.8	6.6	166.79	-10.7	-68.9	307.4	307.4	0.00	N/A		
3,100.0	3,074.8	3,102.7	3,092.6	9.2	6.9	164.13	-21.6	-87.0	325.2	325.2	0.00	N/A		
3,200.0	3,171.7	3,200.0	3,187.6	9.7	7.3	161.75	-32.5	-105.1	343.7	343.7	0.00	N/A		
3,300.0	3,268.7	3,297.3	3,282.6	10.2	7.6	159.60	-43.5	-123.1	362.6	362.6	0.00	N/A		
3,400.0	3,365.7	3,394.6	3,377.6	10.7	7.9	157.67	-54.4	-141.2	382.0	382.0	0.00	N/A		
3,500.0	3,462.7	3,492.0	3,472.6	11.2	8.3	155.92	-65.3	-159.3	401.8	401.8	0.00	N/A		
3,600.0	3,559.7	3,589.3	3,567.6	11.7	8.7	154.34	-76.2	-177.3	422.0	422.0	0.00	N/A		
3,700.0	3,656.6	3,686.6	3,662.5	12.2	9.0	152.90	-87.1	-195.4	442.4	442.4	0.00	N/A		
3,800.0	3,753.6	3,783.9	3,757.5	12.7	9.4	151.59	-98.0	-213.5	463.0	463.0	0.00	N/A		
3,900.0	3,850.6	3,881.2	3,852.5	13.2	9.8	150.39	-109.0	-231.5	483.9	483.9	0.00	N/A		
4,000.0	3,947.6	3,978.5	3,947.5	13.7	10.2	149.28	-119.9	-249.6	505.0	505.0	0.00	N/A		
4,100.0	4,044.5	4,075.8	4,042.5	14.2	10.6	148.27	-130.8	-267.7	526.2	526.2	0.00	N/A		
4,200.0	4,141.5	4,173.1	4,137.5	14.6	11.0	147.33	-141.7	-285.7	547.6	547.6	0.00	N/A		
4,300.0	4,238.5	4,270.4	4,232.5	15.1	11.4	146.46	-152.6	-303.8	569.1	569.1	0.00	N/A		
4,400.0	4,335.5	4,367.7	4,327.5	15.6	11.9	145.66	-163.5	-321.9	590.7	590.7	0.00	N/A		
4,500.0	4,432.5	4,465.1	4,422.5	16.2	12.3	144.91	-174.5	-339.9	612.4	612.4	0.00	N/A		
4,600.0	4,529.4	4,562.4	4,517.5	16.7	12.7	144.22	-185.4	-358.0	634.2	634.2	0.00	N/A		
4,700.0	4,626.4	4,659.7	4,612.5	17.2	13.1	143.57	-196.3	-376.1	656.1	656.1	0.00	N/A		
4,800.0	4,723.4	4,757.0	4,707.5	17.7	13.6	142.96	-207.2	-394.1	678.1	678.1	0.00	N/A		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Weatherford International Ltd.

## Anticollision Report



<b>Company:</b>	STEWART PETROLEUM CORPORATION	<b>Local Co-ordinate Reference:</b>	Well TUMBLEWEED #19-1
<b>Project:</b>	UINTAH COUNTY, UT	<b>TVD Reference:</b>	WELL @ 7240.0ft (Original Well Elev)
<b>Reference Site:</b>	TUMBLEWEED #18-9 PAD	<b>MD Reference:</b>	WELL @ 7240.0ft (Original Well Elev)
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	Grid
<b>Reference Well:</b>	TUMBLEWEED #19-1	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	TUMBLEWEED #19-1	<b>Database:</b>	EDM 2003.21 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design TUMBLEWEED #18-9 PAD - TUMBLEWEED #18-9 - TUMBLEWEED #18-9 - Plan #1													Offset Site Error:	0.0 ft
Survey Program: 0-MWD, 10370-													Offset Well Error:	0.0 ft
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Semi Major Axis Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
4,900.0	4,820.4	4,854.3	4,802.4	18.2	14.0	142.39	-218.1	-412.2	700.1	700.1	0.00	N/A		
5,000.0	4,917.4	4,951.6	4,897.4	18.7	14.4	141.85	-229.0	-430.3	722.3	722.3	0.00	N/A		
5,100.0	5,014.3	5,048.9	4,992.4	19.2	14.8	141.35	-240.0	-448.4	744.4	744.4	0.00	N/A		
5,200.0	5,111.3	5,146.2	5,087.4	19.7	15.3	140.87	-250.9	-466.4	766.6	766.6	0.00	N/A		
5,300.0	5,208.3	5,243.5	5,182.4	20.2	15.7	140.43	-261.8	-484.5	788.9	788.9	0.00	N/A		
5,400.0	5,305.3	5,340.8	5,277.4	20.7	16.2	140.00	-272.7	-502.6	811.2	811.2	0.00	N/A		
5,500.0	5,402.3	5,438.1	5,372.4	21.2	16.6	139.60	-283.6	-520.6	833.5	833.5	0.00	N/A		
5,600.0	5,499.2	5,535.5	5,467.4	21.7	17.0	139.22	-294.5	-538.7	855.9	855.9	0.00	N/A		
5,700.0	5,596.2	5,632.8	5,562.4	22.2	17.5	138.86	-305.5	-556.8	878.3	878.3	0.00	N/A		
5,800.0	5,693.2	5,730.1	5,657.4	22.7	17.9	138.52	-316.4	-574.8	900.8	900.8	0.00	N/A		
5,900.0	5,790.2	5,827.4	5,752.4	23.2	18.4	138.19	-327.3	-592.9	923.3	923.3	0.00	N/A		
6,000.0	5,887.1	5,924.7	5,847.4	23.7	18.8	137.88	-338.2	-611.0	945.8	945.8	0.00	N/A		
6,100.0	5,984.1	6,022.0	5,942.4	24.2	19.2	137.58	-349.1	-629.0	968.3	968.3	0.00	N/A		
6,200.0	6,081.1	6,119.3	6,037.3	24.7	19.7	137.30	-360.0	-647.1	990.9	990.9	0.00	N/A		
6,300.0	6,178.1	6,216.6	6,132.3	25.3	20.1	137.03	-370.9	-665.2	1,013.4	1,013.4	0.00	N/A		
6,400.0	6,275.1	6,313.9	6,227.3	25.8	20.6	136.77	-381.9	-683.2	1,036.0	1,036.0	0.00	N/A		
6,500.0	6,372.0	6,411.2	6,322.3	26.3	21.0	136.53	-392.8	-701.3	1,058.6	1,058.6	0.00	N/A		
6,600.0	6,469.0	6,508.5	6,417.3	26.8	21.5	136.29	-403.7	-719.4	1,081.3	1,081.3	0.00	N/A		
6,700.0	6,566.0	6,605.9	6,512.3	27.3	21.9	136.06	-414.6	-737.4	1,103.9	1,103.9	0.00	N/A		
6,800.0	6,663.0	6,703.2	6,607.3	27.8	22.4	135.84	-425.5	-755.5	1,126.6	1,126.6	0.00	N/A		
6,900.0	6,760.0	6,800.5	6,702.3	28.3	22.8	135.63	-436.4	-773.6	1,149.3	1,149.3	0.00	N/A		
7,000.0	6,856.9	6,897.8	6,797.3	28.8	23.3	135.43	-447.4	-791.6	1,172.0	1,172.0	0.00	N/A		
7,100.0	6,953.9	6,995.1	6,892.3	29.3	23.7	135.24	-458.3	-809.7	1,194.7	1,194.7	0.00	N/A		
7,200.0	7,050.9	7,092.4	6,987.3	29.8	24.2	135.05	-469.2	-827.8	1,217.4	1,217.4	0.00	N/A		
7,300.0	7,147.9	7,189.7	7,082.3	30.3	24.6	134.87	-480.1	-845.8	1,240.1	1,240.1	0.00	N/A		
7,400.0	7,244.8	7,287.0	7,177.2	30.9	25.1	134.70	-491.0	-863.9	1,262.9	1,262.9	0.00	N/A		
7,500.0	7,341.8	7,384.3	7,272.2	31.4	25.5	134.53	-501.9	-882.0	1,285.6	1,285.6	0.00	N/A		
7,600.0	7,438.8	7,481.6	7,367.2	31.9	26.0	134.37	-512.9	-900.1	1,308.4	1,308.4	0.00	N/A		
7,700.0	7,535.8	7,578.9	7,462.2	32.4	26.4	134.21	-523.8	-918.1	1,331.2	1,331.2	0.00	N/A		
7,800.0	7,632.8	7,676.3	7,557.2	32.9	26.9	134.06	-534.7	-936.2	1,353.9	1,353.9	0.00	N/A		
7,900.0	7,729.7	7,773.6	7,652.2	33.4	27.3	133.92	-545.6	-954.3	1,376.7	1,376.7	0.00	N/A		
8,000.0	7,826.7	7,870.9	7,747.2	33.9	27.8	133.78	-556.5	-972.3	1,399.5	1,399.5	0.00	N/A		
8,100.0	7,923.7	7,968.2	7,842.2	34.4	28.3	133.64	-567.4	-990.4	1,422.3	1,422.3	0.00	N/A		
8,200.0	8,020.7	8,065.5	7,937.2	34.9	28.7	133.51	-578.4	-1,008.5	1,445.2	1,445.2	0.00	N/A		
8,300.0	8,117.7	8,162.8	8,032.2	35.4	29.2	133.38	-589.3	-1,026.5	1,468.0	1,468.0	0.00	N/A		
8,400.0	8,214.6	8,260.1	8,127.2	36.0	29.6	133.25	-600.2	-1,044.6	1,490.8	1,490.8	0.00	N/A		
8,500.0	8,311.6	8,357.4	8,222.2	36.5	30.1	133.13	-611.1	-1,062.7	1,513.6	1,513.6	0.00	N/A		
8,600.0	8,408.6	8,454.7	8,317.2	37.0	30.5	133.02	-622.0	-1,080.7	1,536.5	1,536.5	0.00	N/A		
8,700.0	8,505.6	8,552.0	8,412.1	37.5	31.0	132.90	-632.9	-1,098.8	1,559.3	1,559.3	0.00	N/A		
8,800.0	8,602.6	8,649.4	8,507.1	38.0	31.4	132.79	-643.9	-1,116.9	1,582.2	1,582.2	0.00	N/A		
8,900.0	8,699.5	8,746.7	8,602.1	38.5	31.9	132.69	-654.8	-1,134.9	1,605.0	1,605.0	0.00	N/A		
9,000.0	8,796.5	8,844.0	8,697.1	39.0	32.3	132.58	-665.7	-1,153.0	1,627.9	1,627.9	0.00	N/A		
9,094.5	8,888.2	8,935.9	8,786.9	39.5	32.8	132.49	-676.0	-1,170.1	1,649.5	1,649.5	0.00	N/A		
9,100.0	8,893.5	8,941.3	8,792.1	39.5	32.8	132.50	-676.6	-1,171.1	1,650.8	1,650.8	0.00	N/A		
9,200.0	8,990.8	9,038.8	8,887.3	39.9	33.3	132.61	-687.5	-1,189.2	1,672.7	1,672.7	0.00	N/A		
9,300.0	9,088.7	9,136.5	8,982.7	40.2	33.7	132.64	-698.5	-1,207.3	1,692.9	1,692.9	0.00	N/A		
9,400.0	9,187.1	9,234.5	9,078.4	40.5	34.2	132.58	-709.5	-1,225.5	1,711.4	1,711.4	0.00	N/A		
9,500.0	9,285.9	9,338.5	9,179.9	40.7	34.6	132.44	-721.0	-1,244.6	1,728.1	1,728.1	0.00	N/A		
9,600.0	9,385.1	9,452.7	9,292.0	41.0	35.0	132.26	-732.3	-1,263.3	1,742.4	1,742.4	0.00	N/A		
9,700.0	9,484.6	9,567.7	9,405.5	41.2	35.3	132.09	-741.9	-1,279.2	1,754.1	1,754.1	0.00	N/A		
9,800.0	9,584.3	9,683.5	9,520.3	41.3	35.6	131.93	-749.8	-1,292.3	1,763.2	1,763.2	0.00	N/A		
9,900.0	9,684.2	9,800.0	9,636.2	41.5	35.9	131.77	-755.9	-1,302.4	1,769.6	1,769.6	0.00	N/A		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Weatherford International Ltd.

## Anticollision Report



<b>Company:</b>	STEWART PETROLEUM CORPORATION	<b>Local Co-ordinate Reference:</b>	Well TUMBLEWEED #19-1
<b>Project:</b>	UINTAH COUNTY, UT	<b>TVD Reference:</b>	WELL @ 7240.0ft (Original Well Elev)
<b>Reference Site:</b>	TUMBLEWEED #18-9 PAD	<b>MD Reference:</b>	WELL @ 7240.0ft (Original Well Elev)
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	Grid
<b>Reference Well:</b>	TUMBLEWEED #19-1	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	TUMBLEWEED #19-1	<b>Database:</b>	EDM 2003.21 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design TUMBLEWEED #18-9 PAD - TUMBLEWEED #18-9 - TUMBLEWEED #18-9 - Plan #1													Offset Site Error:	0.0 ft
Survey Program: 0-MWD, 10370-													Offset Well Error:	0.0 ft
Reference	Offset	Semi Major Axis			Distance								Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
10,000.0	9,784.2	9,916.9	9,752.8	41.6	36.1	131.62	-760.2	-1,309.5	1,773.4	1,773.4	0.00	N/A		
10,035.8	9,820.0	9,958.9	9,794.7	41.6	36.1	-49.65	-761.3	-1,311.3	1,774.1	1,774.1	0.00	N/A		
10,100.0	9,884.2	10,034.1	9,869.9	41.7	36.3	-49.73	-762.7	-1,313.6	1,774.8	1,774.8	0.00	N/A		
10,200.0	9,984.2	10,148.4	9,984.2	41.8	36.4	-49.77	-763.3	-1,314.6	1,775.1	1,775.1	0.00	N/A		
10,300.0	10,084.2	10,248.4	10,084.2	41.9	36.5	-49.77	-763.3	-1,314.6	1,775.1	1,775.1	0.00	N/A		
10,400.0	10,184.2	10,348.4	10,184.2	41.9	36.6	-49.77	-763.3	-1,314.6	1,775.1	1,775.1	0.00	N/A		
10,500.0	10,284.2	10,448.4	10,284.2	42.0	36.8	-49.77	-763.3	-1,314.6	1,775.1	1,775.1	0.00	N/A		
10,600.0	10,384.2	10,548.4	10,384.2	42.1	36.9	-49.77	-763.3	-1,314.6	1,775.1	1,775.1	0.00	N/A		
10,700.0	10,484.2	10,648.4	10,484.2	42.2	37.0	-49.77	-763.3	-1,314.6	1,775.1	1,775.1	0.00	N/A		
10,800.0	10,584.2	10,748.4	10,584.2	42.3	37.1	-49.77	-763.3	-1,314.6	1,775.1	1,775.1	0.00	N/A		
10,900.0	10,684.2	10,848.4	10,684.2	42.4	37.3	-49.77	-763.3	-1,314.6	1,775.1	1,775.1	0.00	N/A		
11,000.0	10,784.2	10,948.4	10,784.2	42.5	37.4	-49.77	-763.3	-1,314.6	1,775.1	1,775.1	0.00	N/A		
11,100.0	10,884.2	11,048.4	10,884.2	42.6	37.5	-49.77	-763.3	-1,314.6	1,775.1	1,775.1	0.00	N/A		
11,200.0	10,984.2	11,148.4	10,984.2	42.7	37.6	-49.77	-763.3	-1,314.6	1,775.1	1,775.1	0.00	N/A		
11,300.0	11,084.2	11,248.4	11,084.2	42.8	37.8	-49.77	-763.3	-1,314.6	1,775.1	1,775.1	0.00	N/A		
11,400.0	11,184.2	11,348.4	11,184.2	42.9	37.9	-49.77	-763.3	-1,314.6	1,775.1	1,775.1	0.00	N/A		
11,500.0	11,284.2	11,448.4	11,284.2	43.0	38.0	-49.77	-763.3	-1,314.6	1,775.1	1,775.1	0.00	N/A		
11,600.0	11,384.2	11,548.4	11,384.2	43.1	38.2	-49.77	-763.3	-1,314.6	1,775.1	1,775.1	0.00	N/A		
11,700.0	11,484.2	11,648.4	11,484.2	43.2	38.3	-49.77	-763.3	-1,314.6	1,775.1	1,775.1	0.00	N/A		
11,800.0	11,584.2	11,748.4	11,584.2	43.3	38.4	-49.77	-763.3	-1,314.6	1,775.1	1,775.1	0.00	N/A		
11,900.0	11,684.2	11,848.4	11,684.2	43.4	38.6	-49.77	-763.3	-1,314.6	1,775.1	1,775.1	0.00	N/A		
12,000.0	11,784.2	11,948.4	11,784.2	43.5	38.7	-49.77	-763.3	-1,314.6	1,775.1	1,775.1	0.00	N/A		
12,100.0	11,884.2	12,048.4	11,884.2	43.6	38.8	-49.77	-763.3	-1,314.6	1,775.1	1,775.1	0.00	N/A		
12,200.0	11,984.2	12,148.4	11,984.2	43.7	39.0	-49.77	-763.3	-1,314.6	1,775.1	1,775.1	0.00	N/A		
12,215.8	12,000.0	12,164.2	12,000.0	43.7	39.0	-49.77	-763.3	-1,314.6	1,775.1	1,775.1	0.00	N/A		

## Weatherford International Ltd.

## Anticollision Report



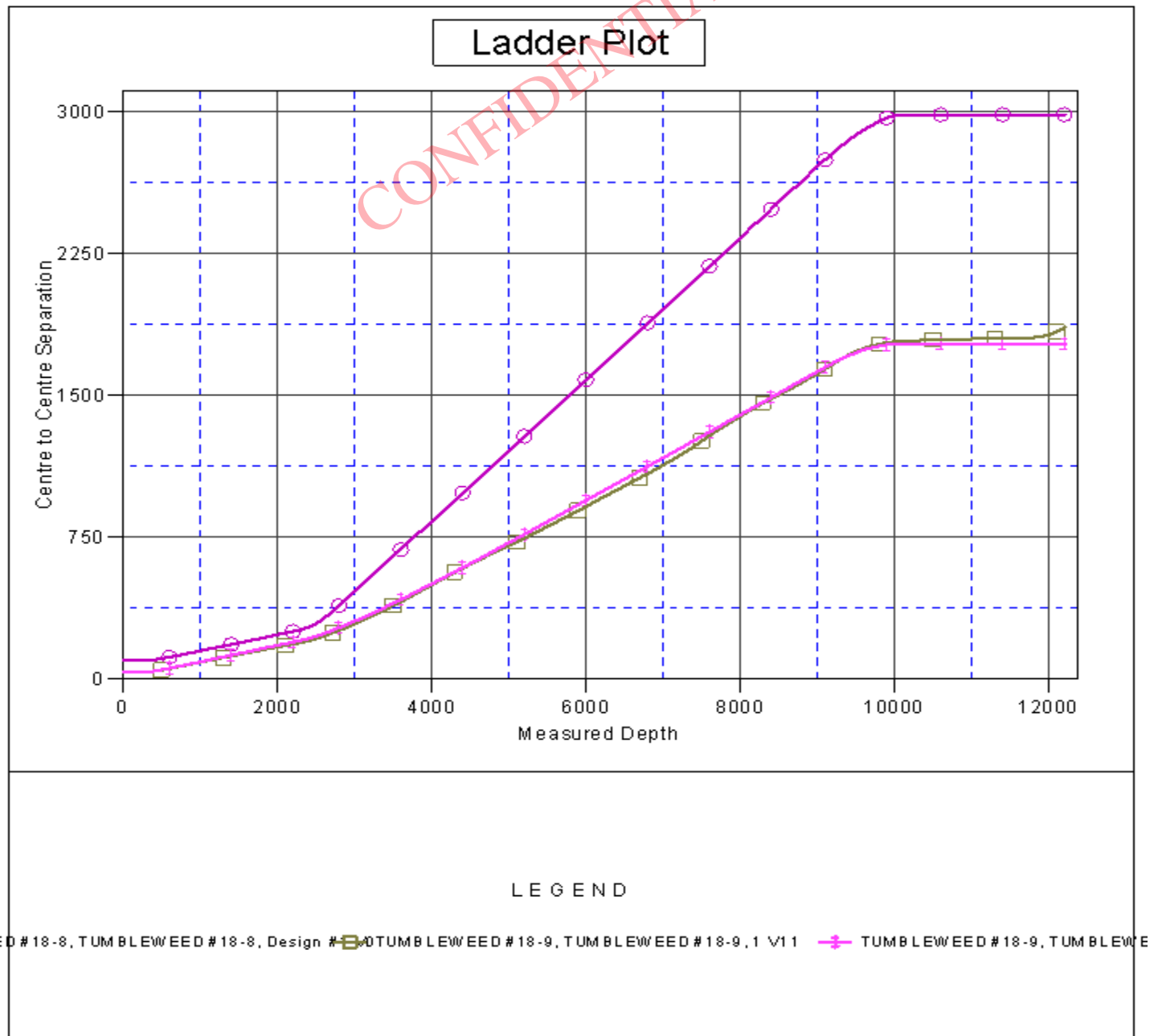
<b>Company:</b>	STEWART PETROLEUM CORPORATION	<b>Local Co-ordinate Reference:</b>	Well TUMBLEWEED #19-1
<b>Project:</b>	UINTAH COUNTY, UT	<b>TVD Reference:</b>	WELL @ 7240.0ft (Original Well Elev)
<b>Reference Site:</b>	TUMBLEWEED #18-9 PAD	<b>MD Reference:</b>	WELL @ 7240.0ft (Original Well Elev)
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	Grid
<b>Reference Well:</b>	TUMBLEWEED #19-1	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	TUMBLEWEED #19-1	<b>Database:</b>	EDM 2003.21 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

Reference Depths are relative to WELL @ 7240.0ft (Original Well Elev) Coordinates are relative to: TUMBLEWEED #19-1

Offset Depths are relative to Offset Datum

Coordinate System is US State Plane 1927 (Exact solution), Utah Central 4302

Grid Convergence at Surface is: 1.22°

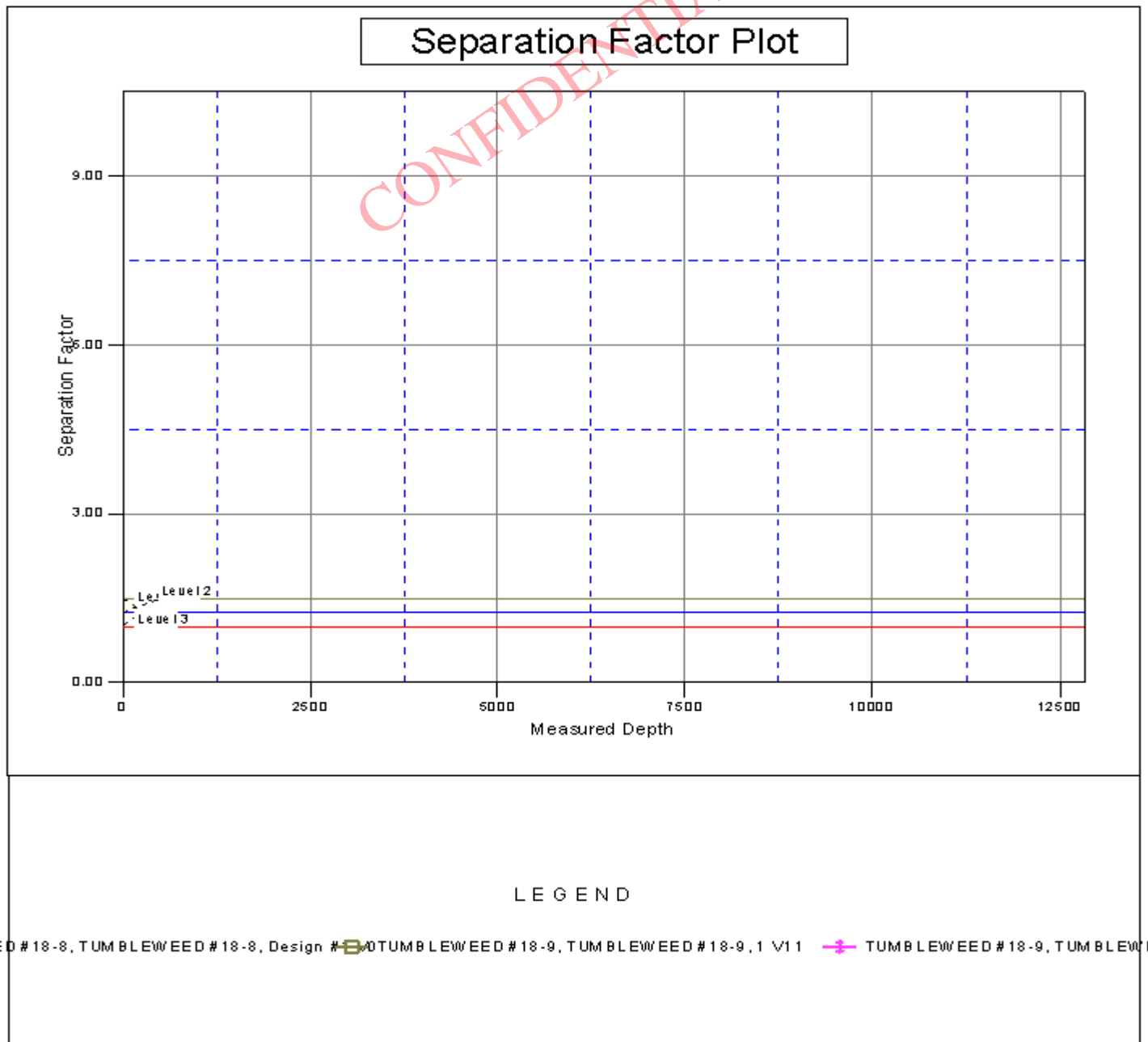


**Weatherford International Ltd.**  
Anticollision Report



<b>Company:</b>	STEWART PETROLEUM CORPORATION	<b>Local Co-ordinate Reference:</b>	Well TUMBLEWEED #19-1
<b>Project:</b>	UINTAH COUNTY, UT	<b>TVD Reference:</b>	WELL @ 7240.0ft (Original Well Elev)
<b>Reference Site:</b>	TUMBLEWEED #18-9 PAD	<b>MD Reference:</b>	WELL @ 7240.0ft (Original Well Elev)
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	Grid
<b>Reference Well:</b>	TUMBLEWEED #19-1	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	TUMBLEWEED #19-1	<b>Database:</b>	EDM 2003.21 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

Reference Depths are relative to WELL @ 7240.0ft (Original Well Elev) Coordinates are relative to: TUMBLEWEED #19-1  
Offset Depths are relative to Offset Datum Coordinate System is US State Plane 1927 (Exact solution), Utah Central 4302  
Central Meridian is 111° 30' 0.000 W ° Grid Convergence at Surface is: 1.22°





# Weatherford®

**Weatherford International, Ltd**

2000 Oil Field Drive

Casper, Wyoming 82604 USA

+1.307.268-7900 Main

+1.307.235.3958 Fax

[www.weatherford.com](http://www.weatherford.com)

## **Contact Information**

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**Robert Scott**

Email: [robert.scott@weatherford.com](mailto:robert.scott@weatherford.com)

## **SURFACE USE PLAN**

**Name of Operator:** Stewart Petroleum Corporation  
**Address:** 475 - 17th St., Ste. 790  
Denver, CO 80202  
**Well Location:** Tumbleweed #18-9 / Tumbleweed #19-1  
Uintah County, UT

**No new surface disturbance is proposed with this application. The proposed directional wells will be drilled from the existing Tumbleweed 18-9 with no pad expansion required.**

The surface owner or surface owner representative and dirt contractor will be provided with an approved copy of the surface use plan of operations and approved conditions of approval before initiating construction or drilling.

The onsite inspection for the referenced well was conducted on Wednesday, July 16, 2008 at approximately 1:30 pm. In attendance at the onsite inspection were the following individuals:

Daryl R. Stewart	President	Stewart Petroleum Corporation
Terry Cox	Partner	Stewart Petroleum Corporation
Gene Brown	Contract Pumper	Stewart Petroleum Corporation
Jim Oldham	Dirt Contractor	Diamond J Oilfield Construction
Nate Packer	Natural Resource Specialist	BLM – Vernal Field Office
Paul	Natural Resource Specialist	BLM – Vernal Field Office
Scot Ackerman	Wildlife Biologist	BLM – Vernal Field Office
Don Hamilton	Permitting Agent	Buy's & Associates, Inc.

1. **Location of Existing Roads:**

- a. The proposed well site is located approximately 15.51 miles south of Ouray, Utah.
- b. Directions to the proposed well site have been attached at the end of Exhibit B.
- c. The use of roads under State and County Road Department maintenance are necessary to access the Winter Ridge. However, an encroachment permit is not anticipated since no upgrades to the State or County Road system are proposed at this time.
- d. All existing roads will be maintained and kept in good repair during all phases of operation.
- e. Vehicle operators will obey posted speed restrictions and observe safe speeds commensurate with road and weather conditions.
- f. Since no improvements are anticipated to the State, County, Tribal or BLM access roads no topsoil striping will occur.
- g. The operator will be responsible for all maintenance of the access road including drainage structures.

2. Planned Access Roads:

- a. Access presently exists to the existing Tumbleweed #18-9 pad. Both the Tumbleweed #18-8 and the Tumbleweed #19-1 will be drilled from the existing pad with no new access or pad expansion proposed.

3. Location of Existing Wells:

- a. Exhibit B has a map reflecting these wells within a one mile radius of the proposed well.

4. Location of Existing and/or Proposed Production Facilities:

- a. All permanent structures will be painted a flat, non-reflective Yuma Green (Olive Black) to match the standard environmental colors. All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) may be excluded.
- b. Site security guidelines identified in 43 CFR 3163.7-5 and Onshore Oil and Gas Order No. 3 will be adhered to.
- c. A gas meter run will be constructed and located on lease within 500 feet of the wellhead. Meter runs will be housed and/or fenced. All gas production and measurement shall comply with the provisions of 43 CFR 3162.7-3, Onshore Oil and Gas Order No. 5, and American Gas Association (AGA) Report No. 3.
- d. A tank battery will be constructed on this lease. It will be surrounded by a dike of sufficient capacity to contain the storage capacity of the largest tank. All loading lines and valves will be placed inside the berm surrounding the tank battery. All liquid hydrocarbons production and measurement shall conform to the provisions of 43 CFR 3162.7-3 and Onshore Oil and Gas Order No. 4 and Onshore Oil and Gas Order No. 5 for natural gas production and measurement.
- e. Any necessary pits will be properly fenced to prevent wildlife and livestock entry.
- f. All access roads will be maintained as necessary to prevent erosion and accommodate year-round traffic. The road will be maintained in a safe useable condition.
- g. The site will require periodic maintenance to ensure that drainages are kept open and free of debris, ice, and snow, and that surfaces are properly treated to reduce erosion, fugitive dust, and impacts to adjacent areas.
- h. A pipeline corridor containing a single 4" steel surface gas pipeline is presently in place and will transport natural gas from the proposed wellsite to the existing QGM pipeline.
- i. The existing Tumbleweed #18-9 permit allows for pipeline corridor upgrade to a single 8" surface gas pipeline
- j. The existing pipeline corridor may be upgraded to contain a single 8" surface gas pipeline should production warrant this upgrade.

5. Location and Type of Water Supply:

- a. No water pipelines will be laid for this well.
- b. Drilling water for this will be hauled on the project road(s) as shown in Exhibit B
- c. Water to be used for construction, drilling completion and dust suppression will be obtained through and approved temporary change application from water permit # 49-123 (A8815), Priority Date: 05/09/1921 (DeLambert, Burt and Christine).
- d. Produced water from offset field operations may be utilized to drill this well.

6. Source of Construction Material:

- a. The use of materials will conform to 43 CFR 3610.2-3.
- b. No construction materials will be removed from Ute Tribal or BLM lands.
- c. If any gravel is used, it will be obtained from a state approved gravel pit.

7. Methods of Handling Waste:

- a. All wastes associated with this application will be contained and disposed of utilizing approved facilities.
- b. Drill cuttings will be contained and buried on site.
- c. The reserve pit will be located outboard of the location and along the southeast side of the pad.
- d. The reserve pit will be constructed so as not to leak, break, or allow any discharge.
- e. The reserve pit will be lined with 16 mil minimum thickness plastic nylon reinforced liner material. The liner will overlay a felt liner pad only if rock is encountered during excavation. The pit liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash, scrap pipe, etc., that could puncture the liner will be disposed of in the pit. Pit walls will be sloped no greater than 2:1. A minimum 2-foot freeboard will be maintained in the pit at all times during the drilling and completion operation.
- f. The reserve pit has been located in cut material. Three sides of the reserve pit will be fenced before drilling starts. The fourth side will be fenced as soon as drilling is completed, and shall remain until the pit is dry. After the reserve pit has dried, all areas not needed for production will be rehabilitated.
- g. Chemicals subject to reporting under the Superfund Amendment and Reauthorization Act (SARA) Title III (hazardous materials including diesel fuel, produced hydrocarbons, drilling fluids, etc.) would be present during various phases of the project including drilling, testing, completion, and production. Annual Tier II chemical inventory reports would be prepared and submitted to emergency response agencies per Federal and State requirements.
- h. Trash will be contained in a trash cage and hauled away to an approved disposal site as necessary but no later than at the completion of drilling operations. The contents of the trash container will be hauled off periodically to the approved Uintah County Landfill near Vernal, Utah.

- i. Produced fluids from the well other than water will be produced into a test tank until such time as construction of production facilities is completed. Any spills of oil, gas, salt water or other produced fluids will be cleaned up and removed.
- j. After initial clean-up, a 400 barrel tank will be installed to contain produced waste water. This water will be transported by truck from the tank to the approved LaPoint Recycle & Storage, Inc. disposal facility for disposal. The facility is operated by Dave Murray and is located in Section 12, T4S, R19E, near LaPoint, Utah.
- k. Any salts and/or chemicals, which are an integral part of the drilling system, will be disposed of in the same manner as the drilling fluid.
- l. Sanitary facilities will be on site at all times during operations. Sewage will be placed in a portable chemical toilet and the toilet replaced periodically utilizing a licensed contractor to transport by truck the portable chemical toilet so that its contents can be delivered to the Vernal Wastewater Treatment Facility in accordance with state and county regulations.

8. Ancillary Facilities:

- a. A complete drilling crew camp is being proposed with this application and will be located central to the project area on state or private lands. A central crew camp has been analyzed in detail within the associated Environmental Assessment.
- b. A small compressor may be temporary located on the well site once production is achieved and will compress the gas to Questar Pipeline pressure for a temporary period until a permanent compressor station can be constructed within the Tumbleweed Unit.
- c. Garbage Containers and Portable Toilets are proposed in this application.
- d. No airstrips or staging areas are proposed with this application.
- e. The ancillary facilities proposed will not require any new surface disturbance.

9. Well Site Layout: (See Exhibit B)

- a. The well will be properly identified in accordance with 43 CFR 3162.6.
- b. Access to the well pad will be from the northeast.
- c. The pad and road designs are consistent with BLM specification
- d. No new surface disturbance is proposed with this application. The proposed directional wells will be drilled from the existing Tumbleweed 18-9 with no pad expansion required.
- e. Pits will remain fenced until site cleanup.
- f. The blooie line will be located at least 100 feet from the well head.
- g. Water injection may be implemented if necessary to minimize the amount of fugitive dust.

10. Plans for Restoration of the Surface (Interim Reclamation and Final Reclamation):



- a. Site reclamation for a producing well will be accomplished for portions of the site not required for the continued operation of the well.
- b. Upon well completion, any hydrocarbons in the pit shall be removed in accordance with 43 CFR 3162.7-1. Once the reserve pit is dry, the plastic nylon reinforced liner shall be torn and perforated before backfilling of the reserve pit. The reserve pit and that portion of the location not needed for production facilities/operations will be re-contoured to the approximate natural contours.
- c. Following BLM published Best Management Practices the interim reclamation will be completed within 90 days of completion of the well to reestablish vegetation, reduce dust and erosion and compliment the visual resources of the area.
  - a. All equipment and debris will be removed from the area proposed for interim reclamation and the pit area will be backfilled and re-contoured.
  - b. The area outside of the rig anchors and other disturbed areas not needed for the operation of the well will be re-contoured to blend with the surrounding area and reseeded at 9 lbs /acre with the following native seeds:
    - o Hy-Crested Wheat Grass (4 lbs / acre)
    - o Needle and Thread Grass (4 lbs / acre)
    - o Wyoming Sage Brush (1 lbs / acre)
  - c. Reclaimed areas receiving incidental disturbance during the life of the producing well will be re-contoured and reseeded as soon as practical.
- d. The Operator will control noxious weeds along access road use authorizations, pipeline route authorizations, well sites, or other applicable facilities by spraying or mechanical removal. A list of noxious weeds may be obtained from the BLM or the appropriate County Extension Office. On BLM administered land, it is required that a Pesticide Use Proposal be submitted and approved prior to the application of herbicides, pesticides or possibly hazardous chemicals.
- e. Prior to final abandonment of the site, all disturbed areas, including the access road, will be scarified and left with a rough surface. The site will then be reseeded at 12 lbs / acre with the following native seeds:
  - o Hy-Crested Wheat Grass (1 lbs / acre)
  - o Scarlet Globe Mallow (1 lbs / acre)
  - o Indian Rice Grass (4 lbs / acre)
  - o Needle and Thread Grass (5 lbs / acre)
  - o Wyoming Sage Brush (1 lbs / acre)

11. Surface and Mineral Ownership:

- a. Surface Ownership – Federal under the management of the Bureau of Land Management - Vernal Field Office, 170 South 500 East, Vernal, Utah 84078; 435-781-4400.
- b. Mineral Ownership – Federal under the management of the Bureau of Land Management - Vernal Field Office, 170 South 500 East, Vernal, Utah 84078; 435-781-4400.

12. Other Information:

a. Operators Contact Information:

Title	Name	Office Phone	Mobile Phone	e-mail
President	Daryl Stewart	303-799-1922	720-339-9637	dstewart@stewartpetroleum.com
Agent	Don Hamilton	435-719-2018	435-719-2018	starpoin@etv.net

- b. Montgomery Archaeological Consultants has conducted a Class III archeological survey. A copy of the report has been submitted under separate cover to the appropriate agencies by Montgomery Archaeological Consultants under the company name Bill Barrett Corporation.
- c. Our understanding of the results of the onsite inspection are:
  - a. No threatened or endangered flora and fauna species were found during the onsite inspection.
  - b. No drainage crossings that require additional state or federal approval are being crossed.
  - c. No new surface disturbance is proposed with this application. The proposed directional wells will be drilled from the existing Tumbleweed 18-9 with no pad expansion required.
  - d. Seed used for reclamation will be conditioned.
  - e. The known sage grouse lek was avoided through an alternate access route proposed with the initial APD.

Certification:

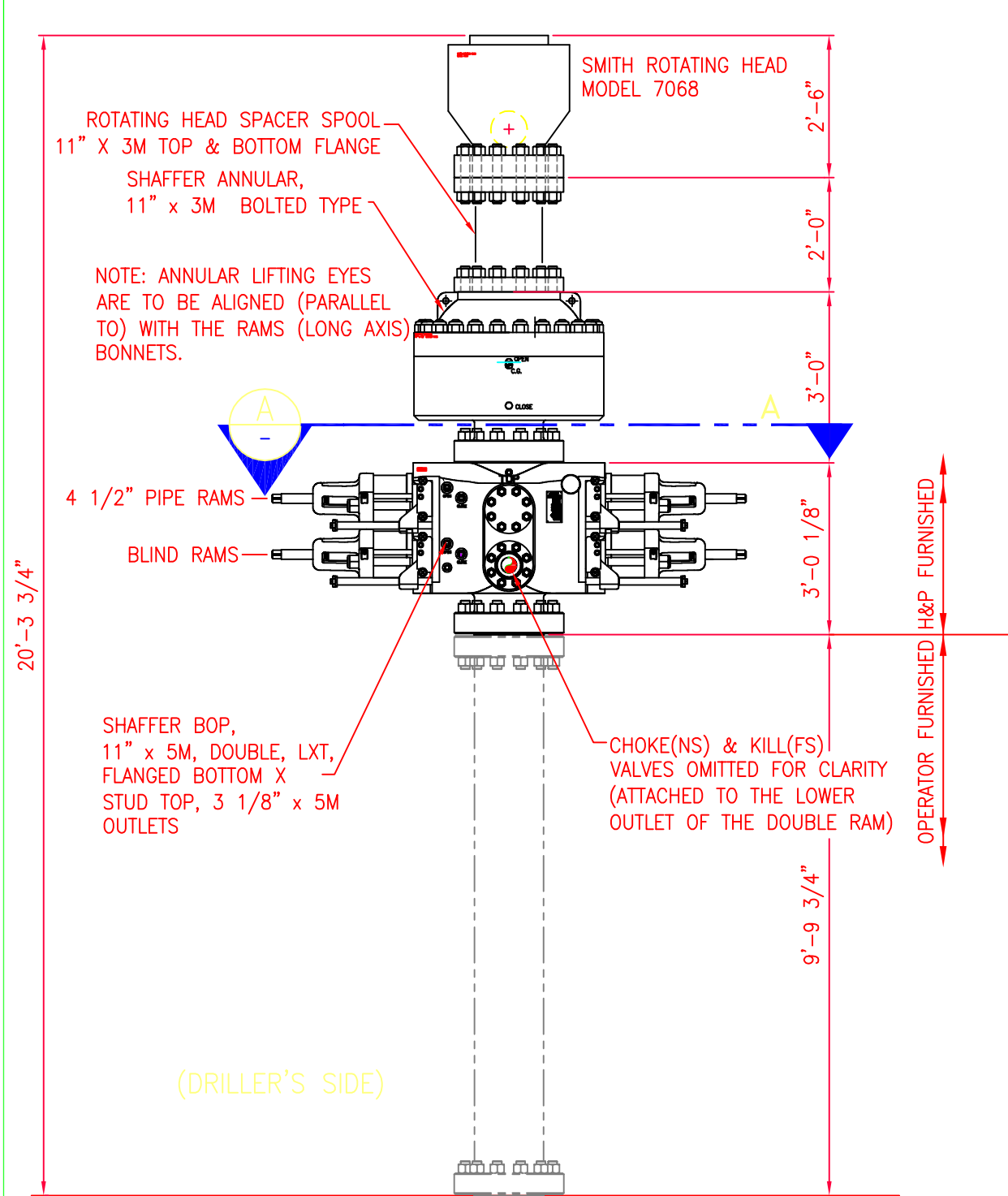
I hereby certify that I, or someone under my direct supervision, have inspected the drill site and access route proposed herein; that I am familiar with the conditions which currently exists; that I have full knowledge of state and federal laws applicable to this operation; that the statements made in this APD package are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed in conformity with this APD package and the terms and conditions under which it is approved. I also certify that I, or the company I represent, am responsible for the operations conducted under this application and that bond coverage is provided under Stewart Petroleum Corporation's BLM bond UTB-000251. These statements are subject to the provisions of 18 U.S.C. 1001 for the filing of false statements.

Executed this 6<sup>th</sup> day of August, 2008.

---

Don Hamilton -- Agent for Stewart Petroleum Corporation  
2580 Creekview Road  
Moab, Utah 84532

435-719-2018  
starpoint@etv.net

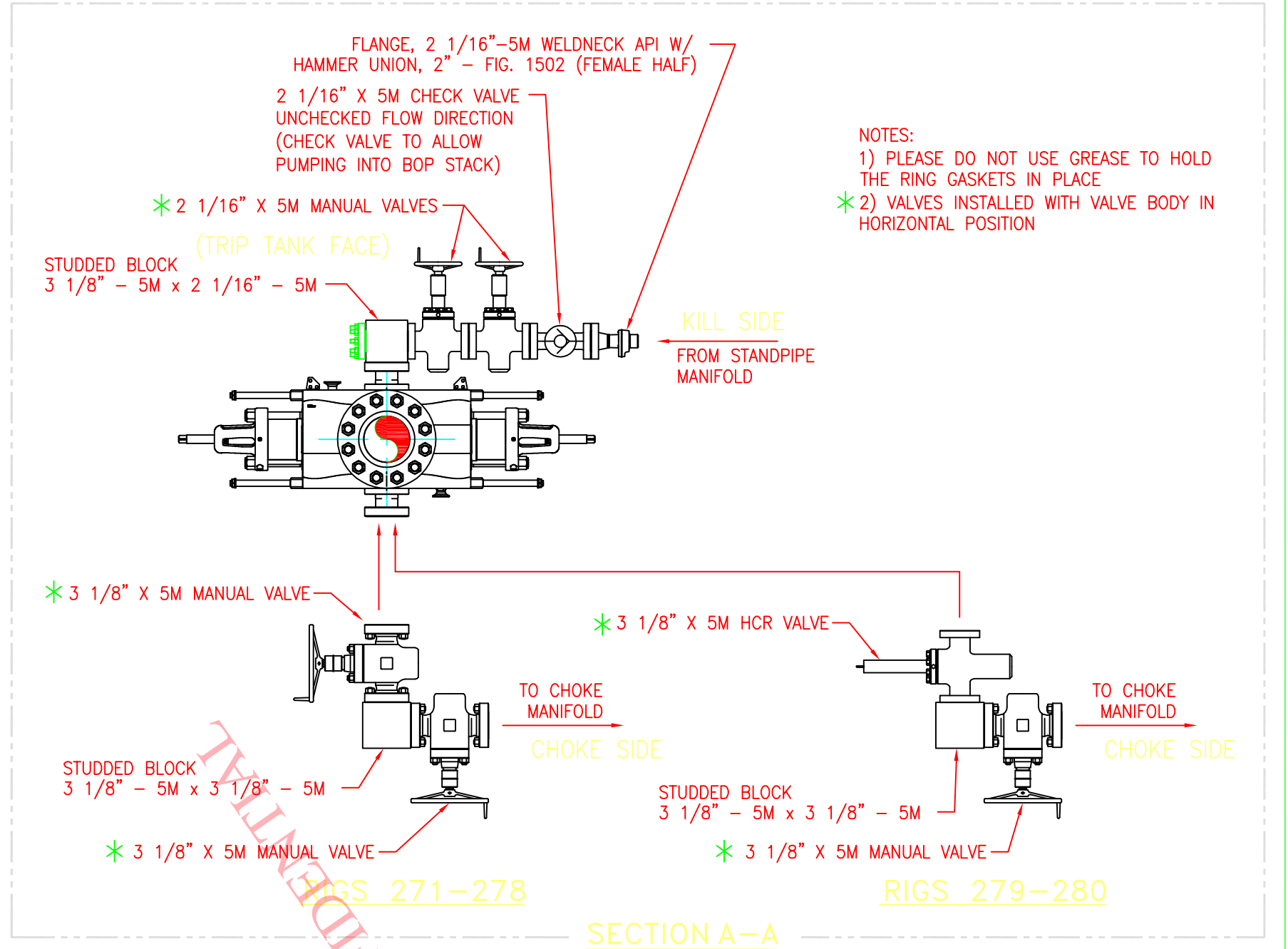


ELEVATION VIEW  
(V-DOOR FACE)

- NOTES:
- 1) TORQUE VALUES ARE FOR GREASED THREADS AND NUT FACES.
  - 2) FOR XYLAN AND SURMAGARD COATED BOLTS, USE CF=0.07;  
FOR ZINC AND UNCOATED BOLTS, USE CF=0.13

PROPER TORQUE FOR BOLTS

COMPONENT	FLANGE SIZE & RATING	BOLT SIZE	TORQUE (FT/LBS)	
			CF=0.07	CF=0.13
RAMS AND SPOOLS	11"x5M	1 7/8" DIA.	1890	3330
ROTATING HEAD & ANNULAR	11"x3M	1 3/8" DIA.	739	1280
CHOKE VALVES	3 1/8x5M	1 1/8" DIA.	401	686
KILL VALVES	2 1/16x5M	7/8" DIA.	188	319



- NOTES:
- 1) PLEASE DO NOT USE GREASE TO HOLD  
THE RING GASKETS IN PLACE
  - \* 2) VALVES INSTALLED WITH VALVE BODY IN  
HORIZONTAL POSITION

ISSUED FOR  
FABRICATION  
April-26-2007  
DRAFTSMAN  
ENGINEER

BOP ARRANGEMENTS

WILLIAM'S RIGS 271 - 280	SHTS 1 - 3
BP RIGS 307 - 311	SHTS 4 - 6
ENCANA RIGS 288 & 289	SHTS 7 - 9
MARATHON RIGS 319 & 324	SHTS 10, 11, & 12
ALL OTHER F4S RIGS	SHTS 8, 9, & 10

HELMERICH & PAYNE  
INTERNATIONAL DRILLING CO.

TITLE: BOP ARRANGEMENT FOR F4S		CUSTOMER: WILLIAMS PRODUCTION (RIGS 271 - 280)	
PROJECT: F4S		DRAWN: BDB	
DATE: 11.30.05		DWG. NO.: F4S-H-203	
SCALE: 3/4"=1'-0"		SHEET: 1 OF 12	
REV		BY	
DATE		DESCRIPTION	
REV		BY	
DATE		DESCRIPTION	

ENGINEERING APPROVAL		DATE	
✓	09-18-06	CHFD CUSTOMER TO WILLIAMS; ADDED SHTS 7-9; CORRECTED HEIGHT OF RAM	MWL
✓	09-07-06	CHFD CUSTOMER TO WILLIAMS PRODUCTION; ADDED SHEETS 2 THRU 6	MWL
✓	4-25-07	ADDED MARATHON RIGS 314 & 324 AND PAGE NUMBERS REVISED	JBG
✓	02-26-07	ADDED NOTE & SHEET 10	MWL
✓	11/28/06	ADDED CHOKE ARRANGEMENT FOR RIGS 279-280	LT
REV	DATE	DESCRIPTION	BY

PROPRIETARY

THIS DRAWING AND THE IDEAS AND INFORMATION INCLUDED  
IN THIS DRAWING ARE PROPRIETARY AND ARE NOT TO BE  
REPRODUCED, DISTRIBUTED OR DISCLOSED IN ANY MANNER,  
WITHOUT THE PRIOR, WRITTEN CONSENT OF A DULY AUTHOR-  
IZED OFFICER OF HELMERICH & PAYNE INT'L DRILLING CO.



2580 Creekview Road  
Moab, Utah 84532  
435/719-2018

December 17, 2010

Mrs. Diana Mason  
State of Utah  
Division of Oil Gas and Mining  
P.O. Box 145801  
Salt Lake City, Utah 84114-5801

RE: Request for Exception to Spacing – Stewart Petroleum Corporation – Tumbleweed 19-1  
*Surface Location:* 1,663' FSL & 673' FEL, NE/4 SE/4, Section 18,  
*Target Location:* 249' FNL & 559' FEL, NE/4 NE/4, Section 19,  
T15S, R21E, SLB&M, Uintah County, Utah

Dear Diana:

Stewart Petroleum Corporation respectfully submits this request for exception to spacing (R649-3-11) based on topography since the well is located less than 460 feet to the drilling unit boundary. Harvest (US) Holdings, Inc. is the only owner and operator within 460' of the surface and target location as well as all points along the intended well bore path and are not within 460 feet of any uncommitted tracts or a unit boundary.

Thank you very much for your timely consideration of this application. Please feel free to contact me at 435-719-2018 if you have any questions or need additional information.

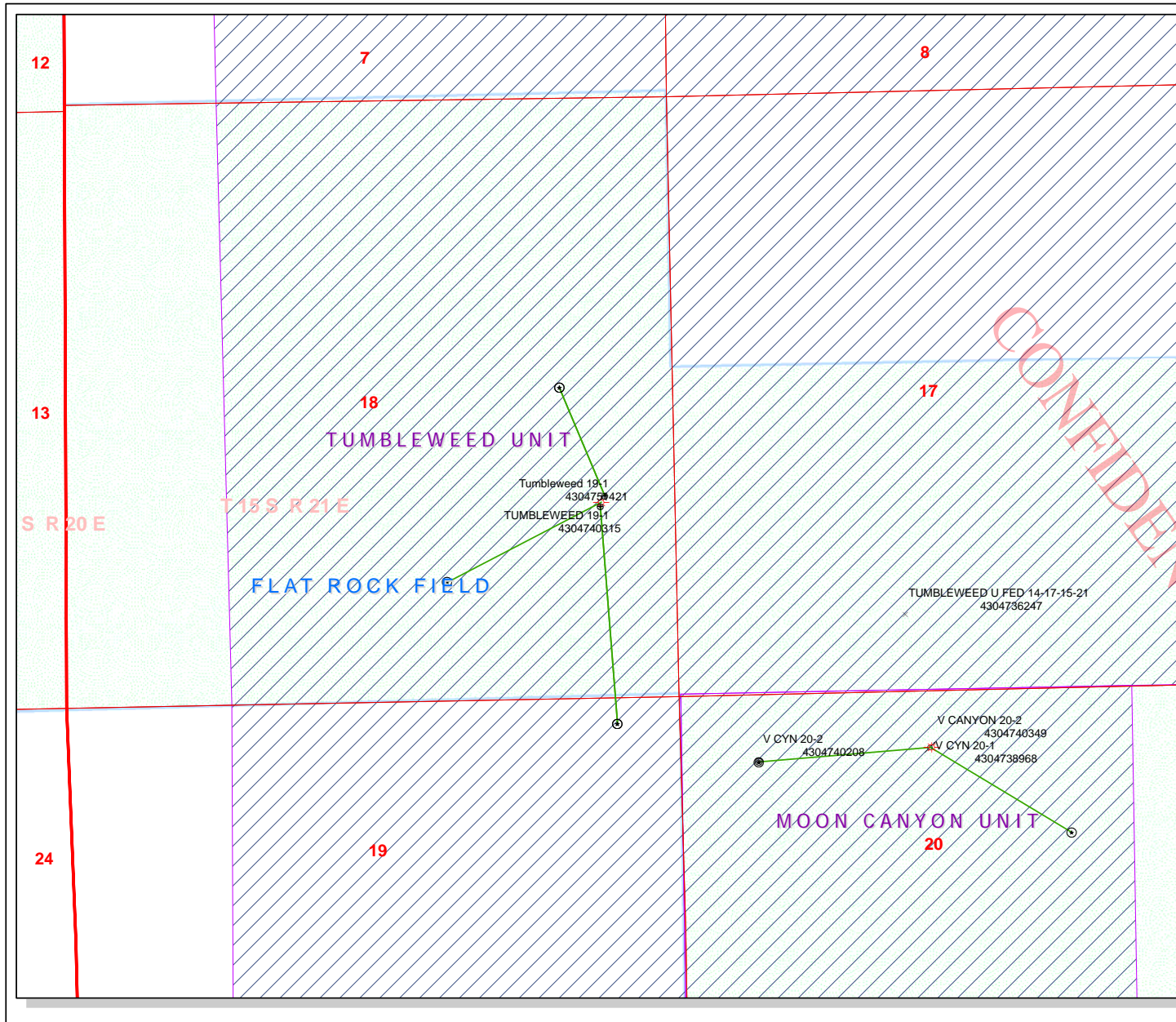
Sincerely,

*Don Hamilton*

Don Hamilton  
Agent for Stewart Petroleum Corporation

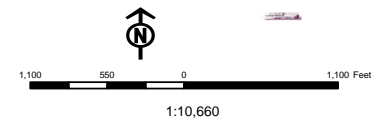
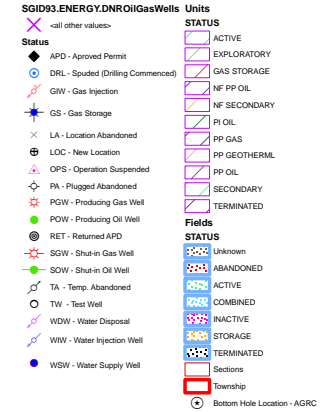
cc: Daryl R. Stewart, Stewart Petroleum Corporation





**API Number: 4304751421**  
**Well Name: Tumbleweed 19-1**  
**Township 15.0 S Range 21.0 E Section 18**  
**Meridian: SLBM**  
**Operator: STEWART PETROLEUM CORP**

Map Prepared:  
 Map Produced by Diana Mason



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:  
3160  
(UT-922)

January 3, 2011

Memorandum

To: Assistant District Manager Minerals, Vernal District  
From: Michael Coulthard, Petroleum Engineer  
Subject: 2011 Plan of Development Tumbleweed Unit  
Uintah County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2011 within the Tumbleweed Unit, Uintah County, Utah.

API#	WELL NAME	LOCATION
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(Proposed PZ Wingate)

43-047-51418	Tumbleweed 18-8 Sec 18 T15S R21E 1753 FSL 0629 FEL	BHL Sec 18 T15S R21E 2567 FNL 1007 FEL
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43-047-51421	Tumbleweed 19-1 Sec 18 T15S R21E 1663 FSL 0673 FEL	BHL Sec 19 T15S R21E 0249 FNL 0559 FEL
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This office has no objection to permitting the wells at this time.

Michael L. Coulthard

Digitally signed by Michael L. Coulthard  
DN: cn=Michael L. Coulthard, o=Bureau of Land Management, ou=Branch of Minerals, email=Michael\_Coulthard@blm.gov, c=US  
Date: 2011.01.03 09:18:03 -07'00'

bcc: File - Tumbleweed Unit  
Division of Oil Gas and Mining  
Central Files  
Agr. Sec. Chron  
Fluid Chron

MCoulthard:mc:1-3-11

# WORKSHEET

## APPLICATION FOR PERMIT TO DRILL

**APD RECEIVED:** 12/18/2010

**API NO. ASSIGNED:** 43047514210000

**WELL NAME:** Tumbleweed 19-1

**OPERATOR:** STEWART PETROLEUM CORP (N3145)

**PHONE NUMBER:** 435 719-2018

**CONTACT:** Don Hamilton

**PROPOSED LOCATION:** NESE 18 150S 210E

**Permit Tech Review:** ☒

**SURFACE:** 1663 FSL 0673 FEL

**Engineering Review:** ☐

**BOTTOM:** 0249 FNL 0559 FEL

**Geology Review:** ☒

**COUNTY:** UINTAH

**LATITUDE:** 39.51029

**LONGITUDE:** -109.60158

**UTM SURF EASTINGS:** 620223.00

**NORTHINGS:** 4374131.00

**FIELD NAME:** FLAT ROCK

**LEASE TYPE:** 1 - Federal

**LEASE NUMBER:** UTU-72018

**PROPOSED PRODUCING FORMATION(S):** WINGATE

**SURFACE OWNER:** 1 - Federal

**COALBED METHANE:** NO

### RECEIVED AND/OR REVIEWED:

- ☒ PLAT
- ☒ Bond: FEDERAL - UTB000251
- ☐ Potash
- ☐ Oil Shale 190-5
- ☐ Oil Shale 190-3
- ☐ Oil Shale 190-13
- ☒ Water Permit: 49-123 (A8815) DeLambert
- ☐ RDCC Review:
- ☐ Fee Surface Agreement
- ☐ Intent to Commingle

Commingle Approved

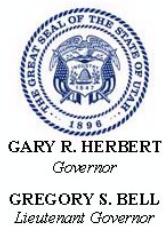
### LOCATION AND SITING:

- ☐ R649-2-3.
- Unit: TUMBLEWEED
- ☐ R649-3-2. General
- ☒ R649-3-3. Exception
- ☒ Drilling Unit
- Board Cause No: R649-3-11
- Effective Date:
- Siting:
- ☒ R649-3-11. Directional Drill

**Comments:** Presite Completed

**Stipulations:**  
1 - Exception Location - dmason  
4 - Federal Approval - dmason  
15 - Directional - dmason  
23 - Spacing - dmason





## State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
*Executive Director*

Division of Oil, Gas and Mining

JOHN R. BAZA  
*Division Director*

### Permit To Drill

\*\*\*\*\*

**Well Name:** Tumbleweed 19-1  
**API Well Number:** 43047514210000  
**Lease Number:** UTU-72018  
**Surface Owner:** FEDERAL  
**Approval Date:** 1/5/2011

**Issued to:**

STEWART PETROLEUM CORP , 475 17th Street Ste 790, Denver , CO 80202

**Authority:**

Pursuant to Utah Code Ann. §40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of R649-3-11. The expected producing formation or pool is the WINGATE Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

**Duration:**

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

**Exception Location:**

Appropriate information has been submitted to DOGM and administrative approval of the requested exception location is hereby granted.

**General:**

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

**Conditions of Approval:**

State approval of this well does not supercede the required federal approval, which must be obtained prior to drilling.

In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an

appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

**Notification Requirements:**

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- Within 24 hours following the spudding of the well – contact Carol Daniels at 801-538-5284 (please leave a voicemail message if not available)

OR

submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website at <https://oilgas.ogm.utah.gov>

**Reporting Requirements:**

All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) – due within 5 days of spudding the well
- Monthly Status Report (Form 9) – due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) – due prior to implementation
- Written Notice of Emergency Changes (Form 9) – due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) – due prior to implementation
- Report of Water Encountered (Form 7) – due within 30 days after completion
- Well Completion Report (Form 8) – due within 30 days after completion or plugging

**Approved By:**

A handwritten signature in black ink, appearing to read "John Rogers", written over a horizontal line.

For John Rogers  
Associate Director, Oil & Gas

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AUG 8 2008  
JUN 28 2010

Form 3160-3  
(February 2005)

FORM APPROVED  
OMB No. 1004-0137  
Expires March 31, 2007

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
**VERNAL, UTAH**

**APPLICATION FOR PERMIT TO DRILL OR REENTER**

1a. Type of work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. <b>UTU-72018</b>
1b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input checked="" type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name <b>N/A</b>
2. Name of Operator <b>Stewart Petroleum Corporation</b>		7. If Unit or CA Agreement, Name and No. <b>Tumbleweed Unit</b>
3a. Address <b>475 17th St., Ste. 790 Denver, Colorado 80202</b>		8. Lease Name and Well No. <b>Tumbleweed #19-1</b>
3b. Phone No. (include area code) <b>303-799-1922</b>		9. API Well No. <b>43-047- 51421</b>
4. Location of Well (Report location clearly and in accordance with any State requirements.)* At surface <b>1,663' FSL &amp; 673' FEL, NE/4 SE/4, Section 18,</b> At proposed prod. zone <b>249' FNL &amp; 559' FEL, NE/4 NE/4, Section 19,</b>		10. Field and Pool, or Exploratory <b>undesignated</b>
11. Sec., T. R. M. or Blk and Survey or Area <b>T15S, R21E, SLB&amp;M Section 18</b>		12. County or Parish <b>Uintah</b>
12. Distance in miles and direction from nearest town or post office* <b>40.1 miles southeast of Ouray, Utah</b>		13. State <b>UT</b>
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) <b>673'</b>	16. No. of acres in lease <b>281.420 acres</b>	17. Spacing Unit dedicated to this well <b>40 acres</b>
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. <b>40'</b>	19. Proposed Depth <b>12,000' TVD-12,216' MD</b>	20. BLM/BIA Bond No. on file <b>UTB000251</b>
21. Elevations (Show whether DF, KDB, RT, GL, etc.) <b>7,224' GR</b>	22. Approximate date work will start* <b>09/15/2008</b>	23. Estimated duration <b>21 days drilling 40 days completion</b>

**24. Attachments**

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, must be attached to this form:

- Well plat certified by a registered surveyor.
- A Drilling Plan.
- A Surface Use Plan (if the location is on National Forest System Lands, the SUPO must be filed with the appropriate Forest Service Office).
- Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
- Operator certification
- Such other site specific information and/or plans as may be required by the BLM.

25. Signature <b>Don Hamilton</b>	Name (Printed/Typed) <b>Don Hamilton</b>	Date <b>08/06/2008</b>
Title <b>Agent for Stewart Petroleum Corporation</b>		

Approved by (Signature) <b>[Signature]</b>	Name (Printed/Typed) <b>Jerry Kenczka</b>	Date <b>APR 07 2011</b>
Title <b>Assistant Field Manager Lands &amp; Mineral Resources</b>	Office <b>VERNAL FIELD OFFICE</b>	

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

**CONDITIONS OF APPROVAL ATTACHED**

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*(Instructions on page 2)

**NOTICE OF APPROVAL**

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**ORIGINAL**



UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
VERNAL FIELD OFFICE

170 South 500 East

VERNAL, UT 84078

(435) 781-4400



**CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL**

Company: Stewart Petroleum Corporation  
Well No: Tumbleweed 19-1  
API No: 43-047-51421

Location: NESE, Sec. 18, T15S, R21E  
Lease No: UTU-72018  
Agreement: Tumbleweed Unit

**OFFICE NUMBER: (435) 781-4400**

**OFFICE FAX NUMBER: (435) 781-3420**

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR  
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.**

**NOTIFICATION REQUIREMENTS**

Location Construction (Notify Environmental Scientist)	- Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify Environmental Scientist)	- Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	- Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supv. Petroleum Tech.)	- Twenty-Four (24) hours prior to running casing and cementing all casing strings to: <a href="mailto:ut_vn_opreport@blm.gov">ut_vn_opreport@blm.gov</a> .
BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.)	- Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	- Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

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***SURFACE USE PROGRAM***  
***CONDITIONS OF APPROVAL (COAs)***

- All new and replacement internal combustion gas field engines of less than or equal to 300 design-rated horsepower must not emit more than 2 gms of NO<sub>x</sub> per horsepower-hour. This requirement does not apply to gas field engines of less than or equal to 40 design-rated horsepower.
- All and replacement internal combustion gas field engines of greater than 300 design rated horsepower must not emit more than 1.0 gms of NO<sub>x</sub> per horsepower-hour.
- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation may be necessary for the discovered paleontologic material before construction can continue.

***Air Quality***

- All internal combustion equipment will be kept in good working order. (Applicant Committed)
- Drill rigs used for drilling in the Tumbleweed II Project Area will be equipped with Tier II or better diesel engines. The use of Tier II or better engines will greatly reduce the amount of NO<sub>x</sub> that will be emitted during drilling operations. (Applicant Committed)
- Vent emissions from stock tanks and natural gas TEG dehydrators will be controlled by routing the emissions to a flare or similar control device which will reduce emissions by 95% or greater. This control measure will reduce VOC and HAP emissions from the project. (Applicant Committed)
- During drilling and completion operations, temporary worker housing will be located on the existing TUF #18-9 well pad. By providing housing close to the project, and reducing the amount of miles that the drilling and completion crews will travel, emissions associated with vehicle impacts will be reduced, specifically particulate matter from unpaved roads and tailpipe (VOC and NO<sub>x</sub>) emissions. Approximately 10 workers (comprised of 2-4 person rig crews working 12-hour shifts, plus 2 drilling/geological consultants) will occupy the temporary worker housing site at any one time. (Applicant Committed)
- Low bleed pneumatics will be installed on separator dump valves and other controllers. The use of low bleed pneumatics will result in a lower emission of VOCs. (Applicant Committed)
- During completion operations Stewart will limit flaring to clean up uses and as soon as possible will install production equipment and gathering line which will limit VOC emissions. (Applicant Committed)
- Stewart will use water or other approved dust suppressants at construction sites and along roads, as determined appropriate by the Authorized Officer. (Applicant Committed)
- Well site telemetry will be utilized to eliminate unnecessary pumper travel to the well site, thus further reducing vehicle tailpipe emissions. (Applicant Committed)



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***Cultural/Historical Resources***

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- Stewart will inform their employees, contractors and subcontractors about relevant Federal regulations intended to protect archaeological and cultural resources. All personnel will be informed that collecting artifacts, including arrowheads, is a violation of Federal law and that employees engaged in this activity will be subject to disciplinary action. (Applicant Committed)

***Health and Safety/Hazardous Materials***

- Stewart will utilize portable sanitation facilities at drill sites; place dumpsters at each construction site to collect and store garbage and refuse; and ensure that all refuse and garbage is transported to a State-approved sanitary landfill for disposal. (Applicant Committed)

***Rangeland Management and Wild Horses***

- Stewart will repair or replace to current BLM standards any fences, cattle guards, gates, drift fences, and natural barriers that are damaged as a result of the Proposed Action. Cattle guards will be used instead of gates for livestock control on most road ROWs. (Applicant Committed)
- Where the proposed pipeline (from the existing compressor station) will cross the Horse Point and Winter Ridge Allotment boundary, Stewart will keep the boundary intact with an appropriate cattleguard and gate, and will make any fence modification to the four-strand barbed wire specification required for all cattle range fences. (Applicant Committed)
- In order to offset potential impacts to water sources, the guzzler within Section 4, T15S, R21E could be improved for livestock, wild horse, and wildlife use. As an alternative to improving the existing guzzler, the BLM will consider requiring the construction of a new guzzler at ~ UTM 625751, 4376800. The decision as to which of these mitigation measures will be implemented will be determined on a site-specific basis following project approval but prior to additional surface disturbance. (Condition of Approval)
- At the direction of the BLM, the operator will improve existing ponds within the project area (i.e., located at the following UTM coordinates 1) 623173, 437615; 2) 622699, 4375516; 3) 622294, 4375110; and 4) 621019, 4374039 in order to minimize displacement of animals and to offset potential impacts to water sources. (Condition of Approval)

***Soils***

- Stewart will comply with standards identified in "The Surface Operating Standards for Oil and Gas Exploration and Development" (Gold Book) (BLM 2007). (Applicant Committed)
- Topsoil will be temporarily stockpiled and seeded to reduce erosion until interim reclamation is initiated. Topsoil stockpiles will also be designed to maximize surface area in order to reduce impacts to soil microorganisms. On reclaimed areas, topsoil depths will be distributed evenly unless conditions warrant a varying depth. (Applicant Committed)
- Areas used for spoil storage will be stripped of topsoil before spoil placement. (Applicant Committed)
- Appropriate erosion control and revegetation measures will be employed. In areas with unstable soils where seeding alone may not adequately control erosion, grading will be used to minimize

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slopes, and water bars will be installed on disturbed slopes. BMPs will be installed as specified in the SWMP. These BMPs could include retention basins, infiltration basins, and vegetated filter strips. Erosion control efforts will be monitored by Stewart and necessary modifications made to control erosion. (Applicant Committed)

- Soils compacted during construction will be ripped and tilled as necessary prior to reseeded. Cut and fill sections on all roads and along pipelines will be revegetated with seed mixtures as defined in **Section 2.1.13** of the Final EA. (Applicant Committed)

**Vegetation**

- Removal and disturbance of vegetation will be kept to a minimum through construction site management (e.g., using previously disturbed areas and existing easements where feasible, placing pipelines adjacent to roads, limiting well pad size, etc.). (Applicant Committed)
- To mitigate the loss of recently completed habitat restoration work within the Tumbleweed II Project Area, the BLM will consider compensatory mitigation on an "as appropriate basis" in proportion with annual project-related disturbance. As feasible, the location of the habitat restoration work will be identified within or adjacent to the Tumbleweed II Project Area, and similar restoration efforts will be implemented as had previously been completed. Work will likely consist of removing encroaching pinyon and juniper trees from the sagebrush habitat in order to enhance sagebrush habitats. Vegetation mitigation will be completed at the expense of the operator. The details of this mitigation plan will be determined by the BLM and UDWR. (Condition of Approval)

**Water Resources**

- Stewart will inform their employees, contractors and subcontractors of the potential impacts that could result from accidental spills, as well as the appropriate actions to take if a spill does occur. (Applicant Committed)

**Wildlife**

- To minimize wildlife-vehicle collisions, Stewart will advise project personnel regarding appropriate speed limits in the Tumbleweed II Project Area. Employees and contractors will be educated about anti-poaching laws. If wildlife law violations are discovered, the offending employee will be subject to disciplinary action by Stewart and the violations will be reported to the UDWR. (Applicant Committed)
- No surface disturbing activities that will result in adverse impacts to deer and elk within crucial winter range will be allowed from December 1-April 30. (Condition of Approval)
- Permission to clear all wildlife stipulations will only be approved by the BLM authorized officer during the specific timing for the species potentially affected by this action.

**Greater Sage-grouse**

- Prior to surface disturbance or drilling activity between March 1 and June 15, historic leks within a 2-mile radius of proposed surface disturbance will be surveyed during the breeding season to determine if they are being actively used by sage-grouse. If a lek is active, no surface-disturbing activities will occur within 2 miles of the active lek from March 1-June 15. Furthermore, if a lek is active, Stewart will limit all traffic (with the exception of traffic associated with emergency repairs or

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maintenance) within 2 miles of the active lek between 5:00am and 9:00am from March 1 to June 15. (Applicant Committed)

- No new surface-disturbing activities will be allowed within ½ mile of active sage-grouse leks year-round, unless with explicit cause and after consultation with the State, the BLM grants a variance to this buffer (PLPCO 2008). (Condition of Approval)
- For active sage-grouse leks that are not visually screened from well pads by natural topography or vegetation, low-profile tanks will be used. (Applicant Committed)

Raptors

- Prior to any surface-disturbing activities associated with construction or drilling during the breeding season, a BLM-approved contractor will survey all areas within 1 mile of proposed surface disturbance, or as directed by the BLM, for the presence of raptor nests. If occupied/active raptor nests are found, construction or drilling will not occur during the nesting season for that species within the species-specific buffer described in the Approved RMP. In addition, as specified in these guidelines, modifications of these spatial and seasonal buffers for BLM-authorized actions will be permitted by the AO, so long as protection of nesting raptors is ensured (BLM 2008). On SITLA-administered lands, raptor management will be coordinated with the appropriate AO. (Applicant Committed)

Mexican Spotted Owl

- No surface-disturbing activities will be allowed within "good" and "fair" Mexican Spotted Owl (MSO) habitat as defined by the BLM in SWCA (2005) until surveys have been conducted in accordance with USFWS protocol. If more than four years have elapsed since the last survey, another complete, two year, inventory will be required prior to any project-related surface-disturbing activities. (The last survey was conducted in 2009) (Applicant Committed)
- In order to protect MSO and their habitat, the following survey and protection protocols will be put into effect for the proposed TUF #4-11, TUF #9-11, TUF #17-4, and TUF #18-9:
  - No surface-disturbing activities will be allowed within "good" and "fair" habitat designations or within the ½-mile buffer of those designations until the two years of surveys have been completed.
  - If MSO are documented during future surveys, the BLM will follow USFWS protocol for Protected Activity Center (PAC) establishment and raptor management protocol defined in "Best Management Practices for Raptors and their Associated Habitats in Utah."
  - If no owls have been detected at the completion of the two seasons of calling surveys, no additional mitigation or BMPs (including special or timing restrictions) will be implemented. However, if more than four years have elapsed between the end of the two seasons of survey and the initiation of surface-disturbing activities at any proposed location then another complete inventory will be required prior to any surface-disturbing activities.

(Applicant Committed)

\* 2 years of MSO surveys were completed for the proposed TUF #18-9 and associated road and pipeline corridor by Grasslands Consulting and EIS Consulting according to USFWS guidelines. No MSO were

seen or heard during the 2006 or 2007 inventories. As such, MSO survey requirements for this proposed well and its proposed road and pipeline corridor have been met. If more than four years elapse between the end of the two seasons of survey and the initiation of surface-disturbing activities within the ½-mile buffer, then another complete inventory will be required prior to any surface-disturbing activities.

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**DOWNHOLE PROGRAM  
CONDITIONS OF APPROVAL (COAs)**

**SITE SPECIFIC DOWNHOLE COAs:**

- Surface casing cement shall be brought to surface.  
For Top Out stage (if needed) cement shall be brought to surface.
- The top of the production casing cement shall extend a minimum of 200 feet above the surface casing shoe.
- Electronic/mechanical mud monitoring equipment shall be required, from surface casing shoe to TD, which shall include as a minimum: pit volume totalizer (PVT); stroke counter; and flow sensor.
- Variances approval covering operations of air drilling. Blooie line discharge 100 feet from the wellbore, variance granted for blooie line discharge to be 80 feet from the wellbore.

**All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to.** The following items are emphasized:

**DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS**

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**

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- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in LAS format to UT\_VN\_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

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#### OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- For information regarding production reporting, contact the Office of Natural Resources Revenue (ONRR) at [www.ONRR.gov](http://www.ONRR.gov).
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
  - Operator name, address, and telephone number.
  - Well name and number.
  - Well location (¼¼, Sec., Twn, Rng, and P.M.).
  - Date well was placed in a producing status (date of first production for which royalty will be paid).
  - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
  - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
  - Unit agreement and/or participating area name and number, if applicable.
  - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid,

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and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

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**DIV. OF OIL, GAS & MINING**

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-72018
<b>1. TYPE OF WELL</b> Gas Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  
<b>2. NAME OF OPERATOR:</b> STEWART PETROLEUM CORP		<b>7. UNIT or CA AGREEMENT NAME:</b> TUMBLEWEED
<b>3. ADDRESS OF OPERATOR:</b> 475 17th Street Ste 790 , Denver , CO, 80202		<b>8. WELL NAME and NUMBER:</b> TUMBLEWEED 19-1
<b>4. LOCATION OF WELL FOOTAGES AT SURFACE:</b> 1663 FSL 0673 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NESE Section: 18 Township: 15.0S Range: 21.0E Meridian: S		<b>9. API NUMBER:</b> 43047514210000
<b>9. FIELD and POOL or WILDCAT:</b> FLAT ROCK		<b>COUNTY:</b> UINTAH
<b>STATE:</b> UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 10/21/2012  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input checked="" type="checkbox"/> <b>APD EXTENSION</b> OTHER: <span style="border: 1px solid black; display: inline-block; width: 100px; height: 1.2em; vertical-align: middle;"></span>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  

Original permit was approved on 01-05-2011 and this is the first extension being requested.

Approved by the  
Utah Division of  
Oil, Gas and Mining

Date: 01/04/2012

By:

<b>NAME (PLEASE PRINT)</b> Don Hamilton	<b>PHONE NUMBER</b> 435 719-2018	<b>TITLE</b> Agent
<b>SIGNATURE</b> N/A	<b>DATE</b> 12/30/2011	



## The Utah Division of Oil, Gas, and Mining

- State of Utah  
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

### Request for Permit Extension Validation Well Number 43047514210000

**API:** 43047514210000

**Well Name:** TUMBLEWEED 19-1

**Location:** 1663 FSL 0673 FEL QTR NESE SEC 18 TWNP 150S RNG 210E MER S

**Company Permit Issued to:** STEWART PETROLEUM CORP

**Date Original Permit Issued:** 1/5/2011

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

- If located on private land, has the ownership changed, if so, has the surface agreement been updated? ☐ Yes ☒ No
- Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? ☐ Yes ☒ No
- Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? ☐ Yes ☒ No
- Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location? ☐ Yes ☒ No
- Has the approved source of water for drilling changed? ☐ Yes ☒ No
- Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? ☐ Yes ☒ No
- Is bonding still in place, which covers this proposed well? ☒ Yes ☐ No

**Signature:** Don Hamilton

**Date:** 12/30/2011

**Title:** Agent

**Representing:** STEWART PETROLEUM CORP

**RECEIVED** Dec. 30, 2011



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

FORM APPROVED  
OMB NO. 1004-0135  
Expires: July 31, 2010SEPT 19 2012  
SUNDRY NOTICES AND REPORTS ON WELLS  
Do not use this form for proposals to drill or to re-enter an  
abandoned well. Use form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. UTU72018
2. Name of Operator STEWART PETROLEUM CORPORATION		6. If Indian, Allottee or Tribe Name
3a. Address 475 17TH STREET, SUITE 790 DENVER, CO 80202		7. If Unit or CA/Agreement, Name and/or No. UTU80665X
3b. Phone No. (include area code) Ph: 435-719-2018 Fax: 435-719-2019		8. Well Name and No. TUMBLEWEED 19-1
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 18 T15S R21E NESE 1663FSL 673FEL		9. API Well No. 43-047-51421-00-X1
		10. Field and Pool, or Exploratory UNDESIGNATED
		11. County or Parish, and State UINTAH COUNTY, UT

## 12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Change to Original A
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	PD

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Stewart Petroleum Corporation respectfully requests a two year extension of the approved APD for the Tumbleweed 19-1. This is the first extension that has been requested. No changes to the approved plan and no changes in ownership have occurred since the initial approval on April 7, 2011.

VERNAL FIELD OFFICE
ENG. <i>[Signature]</i> 11/2/12
GEOLOGIST _____
E.S. _____
PETROLOGIST _____
RECLAMATION _____

CONDITIONS OF APPROVAL ATTACHED

14. I hereby certify that the foregoing is true and correct.	
Electronic Submission #151051 verified by the BLM Well Information System For STEWART PETROLEUM CORPORATION, sent to the Vernal Committed to AFMSS for processing by ROBIN R. HANSEN on 10/29/2012 (13RRH4944SE)	
Name (Printed/Typed) DARYL STEWART	Title OPERATOR
Signature _____ (Electronic Submission)	Date 09/19/2012

RECEIVED

NOV 29 2012

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

DIV. OF OIL, GAS &amp; MINING

Approved By <i>[Signature]</i>	Title Assistant Field Manager Lands & Mineral Resources	Date NOV 16 2012
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office VERNAL FIELD OFFICE

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UDOGM

BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\*

## Revisions to Operator-Submitted EC Data for Sundry Notice #151051

	Operator Submitted	BLM Revised (AFMSS)
Sundry Type:	APDCH NOI	APDCH NOI
Lease:	UTU72018	UTU72018
Agreement:	TUMBLEWEED	UTU80665X (UTU80665X)
Operator:	STEWART PETROLEUM CORPORATION 475 17TH STREET, SUITE 790 DENVER, CO 80202 Ph: 303-799-1922	STEWART PETROLEUM CORPORATION 475 17TH STREET, SUITE 790 DENVER, CO 80202 Ph: 303.799.1922
Admin Contact:	DON S HAMILTON PERMITTING AGENT E-Mail: starpoint@etv.net Cell: 435-650-3866 Ph: 435-719-2018 Fx: 435-719-2019	DON S HAMILTON PERMITTING AGENT E-Mail: starpoint@etv.net Cell: 435-650-3866 Ph: 435-719-2018 Fx: 435-719-2019
Tech Contact:	DARYL STEWART PRESIDENT E-Mail: DStewart@stewartpetroleum.com  Ph: 303-799-1922	DARYL STEWART OPERATOR  Ph: 303.799.1922
Location:		
State:	UT	UT
County:	UINTAH	UINTAH
Field/Pool:	UNDESIGNATED	UNDESIGNATED
Well/Facility:	TUMBLEWEED 19-1 Sec 18 T15S R21E Mer SLB NESE 1663FSL 673FEL 39.510281 N Lat, 109.602300 W Lon	TUMBLEWEED 19-1 Sec 18 T15S R21E NESE 1663FSL 673FEL

# **CONDITIONS OF APPROVAL**

## **Stewart Petroleum Corp**

### **Notice of Intent APD Extension**

**Lease:** UTU-72018  
**Well:** Tumbleweed 19-1  
**Location:** NESE Sec 18 T15S R21E

An extension for the referenced APD is granted with the following conditions:

---

1. The extension and APD shall expire on 04/07/2015.
2. No other extension shall be granted.

If you have any other questions concerning this matter, please contact Robin L Hansen of this office at (435) 781-2777

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-72018
<b>1. TYPE OF WELL</b> Gas Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> STEWART PETROLEUM CORP		<b>7. UNIT or CA AGREEMENT NAME:</b> TUMBLEWEED
<b>3. ADDRESS OF OPERATOR:</b> 475 17th Street Ste 790 , Denver , CO, 80202		<b>8. WELL NAME and NUMBER:</b> TUMBLEWEED 19-1
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1663 FSL 0673 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NESE Section: 18 Township: 15.0S Range: 21.0E Meridian: S		<b>9. API NUMBER:</b> 43047514210000
<b>PHONE NUMBER:</b> 303 799-1922 Ext		<b>9. FIELD and POOL or WILDCAT:</b> FLAT ROCK
<b>COUNTY:</b> UINTAH		<b>STATE:</b> UTAH

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

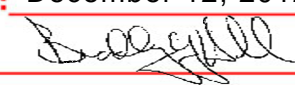
TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: <b>6/15/2012</b>	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input type="checkbox"/> OTHER
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:	<input checked="" type="checkbox"/> <b>APD EXTENSION</b> OTHER: <input style="width: 100px;" type="text"/>
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:	
<input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Original permit was approved on 01-05-2011 and this is the second extension being requested.

**Approved by the  
Utah Division of  
Oil, Gas and Mining**

**Date:** December 12, 2012

**By:** 

<b>NAME (PLEASE PRINT)</b> Don Hamilton	<b>PHONE NUMBER</b> 435 719-2018	<b>TITLE</b> Agent
<b>SIGNATURE</b> N/A	<b>DATE</b> 12/4/2012	



**The Utah Division of Oil, Gas, and Mining**

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

**Request for Permit Extension Validation Well Number 43047514210000**

API: 43047514210000

Well Name: TUMBLEWEED 19-1

Location: 1663 FSL 0673 FEL QTR NESE SEC 18 TWNP 150S RNG 210E MER S

Company Permit Issued to: STEWART PETROLEUM CORP

Date Original Permit Issued: 1/5/2011

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

- If located on private land, has the ownership changed, if so, has the surface agreement been updated? ☒ Yes ☐ No
- Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? ☐ Yes ☒ No
- Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? ☐ Yes ☒ No
- Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location? ☐ Yes ☒ No
- Has the approved source of water for drilling changed? ☐ Yes ☒ No
- Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? ☐ Yes ☒ No
- Is bonding still in place, which covers this proposed well? ☒ Yes ☐ No

Signature: Don Hamilton

Date: 12/4/2012

Title: Agent

Representing: STEWART PETROLEUM CORP



<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-72018
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL Gas Well		7. UNIT or CA AGREEMENT NAME: TUMBLEWEED
2. NAME OF OPERATOR: STEWART PETROLEUM CORP		8. WELL NAME and NUMBER: TUMBLEWEED 19-1
3. ADDRESS OF OPERATOR: 475 17th Street Ste 790 , Denver , CO, 80202		9. API NUMBER: 43047514210000
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1663 FSL 0673 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESE Section: 18 Township: 15.0S Range: 21.0E Meridian: S		9. FIELD and POOL or WILDCAT: FLAT ROCK
		COUNTY: UINTAH
		STATE: UTAH

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA


TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <b>5/1/2014</b>	<input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input checked="" type="checkbox"/> APD EXTENSION OTHER: <input type="text"/>
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:			
<input type="checkbox"/> SPUD REPORT Date of Spud:			
<input type="checkbox"/> DRILLING REPORT Report Date:			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Stewart Petroleum Corporation respectfully requests a one year extension of the state drilling permit for the referenced well. This is the third extension that has been requested.

**Approved by the  
Utah Division of  
Oil, Gas and Mining**

**Date:** December 18, 2013

**By:** 

NAME (PLEASE PRINT) Don Hamilton	PHONE NUMBER 435 719-2018	TITLE Agent
SIGNATURE N/A		DATE 12/16/2013



**The Utah Division of Oil, Gas, and Mining**

- State of Utah
- Department of Natural Resources

**Electronic Permitting System - Sundry Notices**

**Request for Permit Extension Validation Well Number 43047514210000**

**API:** 43047514210000

**Well Name:** TUMBLEWEED 19-1

**Location:** 1663 FSL 0673 FEL QTR NESE SEC 18 TWNP 150S RNG 210E MER S

**Company Permit Issued to:** STEWART PETROLEUM CORP

**Date Original Permit Issued:** 1/5/2011

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

- If located on private land, has the ownership changed, if so, has the surface agreement been updated? ☒ Yes ☐ No
- Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? ☐ Yes ☒ No
- Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? ☐ Yes ☒ No
- Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location? ☐ Yes ☒ No
- Has the approved source of water for drilling changed? ☐ Yes ☒ No
- Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? ☐ Yes ☒ No
- Is bonding still in place, which covers this proposed well? ☒ Yes ☐ No

**Signature:** Don Hamilton

**Date:** 12/16/2013

**Title:** Agent

**Representing:** STEWART PETROLEUM CORP

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-72018
<b>1. TYPE OF WELL</b> Gas Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> STEWART PETROLEUM CORP		<b>7. UNIT or CA AGREEMENT NAME:</b> TUMBLEWEED
<b>3. ADDRESS OF OPERATOR:</b> 475 17th Street Ste 790 , Denver , CO, 80202		<b>8. WELL NAME and NUMBER:</b> TUMBLEWEED 19-1
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1663 FSL 0673 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NESE Section: 18 Township: 15.0S Range: 21.0E Meridian: S		<b>9. API NUMBER:</b> 43047514210000
<b>PHONE NUMBER:</b> 303 799-1922 Ext		<b>9. FIELD and POOL or WILDCAT:</b> FLAT ROCK
<b>COUNTY:</b> UINTAH		<b>STATE:</b> UTAH

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<div style="display: flex; flex-wrap: wrap;"> <div style="width: 33%;"><input type="checkbox"/> ACIDIZE</div> <div style="width: 33%;"><input type="checkbox"/> ALTER CASING</div> <div style="width: 33%;"><input type="checkbox"/> CASING REPAIR</div> <div style="width: 33%;"><input type="checkbox"/> CHANGE TO PREVIOUS PLANS</div> <div style="width: 33%;"><input type="checkbox"/> CHANGE TUBING</div> <div style="width: 33%;"><input type="checkbox"/> CHANGE WELL NAME</div> <div style="width: 33%;"><input type="checkbox"/> CHANGE WELL STATUS</div> <div style="width: 33%;"><input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS</div> <div style="width: 33%;"><input type="checkbox"/> CONVERT WELL TYPE</div> <div style="width: 33%;"><input type="checkbox"/> DEEPEN</div> <div style="width: 33%;"><input type="checkbox"/> FRACTURE TREAT</div> <div style="width: 33%;"><input type="checkbox"/> NEW CONSTRUCTION</div> <div style="width: 33%;"><input type="checkbox"/> OPERATOR CHANGE</div> <div style="width: 33%;"><input type="checkbox"/> PLUG AND ABANDON</div> <div style="width: 33%;"><input type="checkbox"/> PLUG BACK</div> <div style="width: 33%;"><input type="checkbox"/> PRODUCTION START OR RESUME</div> <div style="width: 33%;"><input type="checkbox"/> RECLAMATION OF WELL SITE</div> <div style="width: 33%;"><input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION</div> <div style="width: 33%;"><input type="checkbox"/> REPERFORATE CURRENT FORMATION</div> <div style="width: 33%;"><input type="checkbox"/> SIDETRACK TO REPAIR WELL</div> <div style="width: 33%;"><input type="checkbox"/> TEMPORARY ABANDON</div> <div style="width: 33%;"><input type="checkbox"/> TUBING REPAIR</div> <div style="width: 33%;"><input type="checkbox"/> VENT OR FLARE</div> <div style="width: 33%;"><input type="checkbox"/> WATER DISPOSAL</div> <div style="width: 33%;"><input type="checkbox"/> WATER SHUTOFF</div> <div style="width: 33%;"><input type="checkbox"/> SI TA STATUS EXTENSION</div> <div style="width: 33%;"><input type="checkbox"/> WILDCAT WELL DETERMINATION</div> <div style="width: 33%;"><input type="checkbox"/> OTHER</div> </div>
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	
<input checked="" type="checkbox"/> SPUD REPORT Date of Spud: <b>9/15/2014</b>	
<input type="checkbox"/> DRILLING REPORT Report Date:	
OTHER: <input style="width: 100px;" type="text"/>	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The Tumbleweed 19-1 was spud on 9-15-2014 at 10:00 am utilizing Craig Energy bucket rig. 20 feet of hole was drilled with 20 feet of 20-inch conductor pipe installed utilizing 4 yards of cement within a 6 foot cellar ring. Stewart Petroleum Corporation respectfully requests that drilling operations be suspended on the Tumbleweed 19-1 until spring conditions allow for drilling of the proposed well bores.

**Accepted by the**  
**Utah Division of**  
**Oil, Gas and Mining**  
**FOR RECORD ONLY**  
 November 17, 2014

<b>NAME (PLEASE PRINT)</b> Don Hamilton	<b>PHONE NUMBER</b> 435 719-2018	<b>TITLE</b> Permitting Agent (Star Point Enterprises, Inc.)
<b>SIGNATURE</b> N/A	<b>DATE</b> 11/14/2014	

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>																														
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<b>1. TYPE OF WELL</b> Gas Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>																														
<b>2. NAME OF OPERATOR:</b> STEWART PETROLEUM CORP		<b>7. UNIT or CA AGREEMENT NAME:</b> TUMBLEWEED																														
<b>3. ADDRESS OF OPERATOR:</b> 475 17th Street Ste 790 , Denver , CO, 80202		<b>8. WELL NAME and NUMBER:</b> TUMBLEWEED 19-1																														
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1663 FSL 0673 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NESE Section: 18 Township: 15.0S Range: 21.0E Meridian: S		<b>9. API NUMBER:</b> 43047514210000																														
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<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b>  Stewart Petroleum Corporation respectfully requests that drilling operations be suspended on the Tumbleweed 19-1 until spring conditions allow for drilling of the proposed well bore. The Tumbleweed 19-1 was spud on 9-15-2014 at 10:00 am utilizing Craig Energy bucket rig. 20 feet of hole was drilled with 20 feet of 20-inch conductor pipe installed utilizing 4 yards of cement within a 6 foot cellar ring. Following please find the drilling report for this well.																																
<b>NAME (PLEASE PRINT)</b> Don Hamilton		<b>PHONE NUMBER</b> 435 719-2018																														
<b>SIGNATURE</b> N/A		<b>TITLE</b> Permitting Agent (Star Point Enterprises, Inc.)																														
<b>DATE</b> 12/31/2014																																

**Stewart Petroleum Corporation**

# **Drilling Report**

**Tumbleweed 19-1 (43-047-51421)**

**UTU-72018**

**9/15/2014** – Spud well on 9-14-2014 at 10:00 am utilizing Craig Energy bucket rig. 20 feet of hole was drilled with 20 feet of 20-inch conductor pipe installed utilizing 4 yards of cement within a 6 foot cellar ring.

**10/15/2014** – Drilling operations suspended for spring weather conditions

**11/15/2014** – Drilling operations suspended for spring weather conditions

**12/15/2014** – Drilling operations suspended for spring weather conditions



<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-72018
<b>1. TYPE OF WELL</b> Gas Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> STEWART PETROLEUM CORP		<b>7. UNIT or CA AGREEMENT NAME:</b> TUMBLEWEED
<b>3. ADDRESS OF OPERATOR:</b> 475 17th Street Ste 790 , Denver , CO, 80202		<b>8. WELL NAME and NUMBER:</b> TUMBLEWEED 19-1
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1663 FSL 0673 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NESE Section: 18 Township: 15.0S Range: 21.0E Meridian: S		<b>9. API NUMBER:</b> 43047514210000
<b>9. FIELD and POOL or WILDCAT:</b> FLAT ROCK		<b>COUNTY:</b> UINTAH
<b>STATE:</b> UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: <b>6/15/2015</b>	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION	<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:				
<input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:				
			OTHER: <span style="border: 1px solid black; padding: 2px;">Suspension of Drilling</span>	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  
 Drilling operations suspended for spring weather conditions.

Accepted by the  
 Utah Division of  
 Oil, Gas and Mining  
**FOR RECORD ONLY**  
 March 02, 2015

<b>NAME (PLEASE PRINT)</b> Don Hamilton	<b>PHONE NUMBER</b> 435 719-2018	<b>TITLE</b> Permitting Agent (Star Point Enterprises, Inc.)
<b>SIGNATURE</b> N/A	<b>DATE</b> 2/17/2015	

**Stewart Petroleum Corporation**

# **Drilling Report**

**Tumbleweed 19-1 (43-047-51421)**

**UTU-72018**

**9/15/2014** – Spud well on 9-14-2014 at 10:00 am utilizing Craig Energy bucket rig. 20 feet of hole was drilled with 20 feet of 20-inch conductor pipe installed utilizing 4 yards of cement within a 6 foot cellar ring.

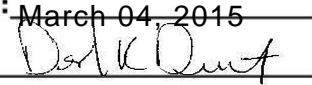
**10/15/2014** – Drilling operations suspended for spring weather conditions

**11/15/2014** – Drilling operations suspended for spring weather conditions

**12/15/2014** – Drilling operations suspended for spring weather conditions

**1/15/2015** – Drilling operations suspended for spring weather conditions

**2/15/2015** – Drilling operations suspended for spring weather conditions

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>																														
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<b>NAME (PLEASE PRINT)</b> Don Hamilton		<b>PHONE NUMBER</b> 435 719-2018																														
<b>SIGNATURE</b> N/A		<b>TITLE</b> Permitting Agent (Star Point Enterprises, Inc.)																														
<b>DATE</b> 1/26/2015																																

**Stewart Petroleum Corporation**

# **Drilling Report**

**Tumbleweed 19-1 (43-047-51421)**

**UTU-72018**

**9/15/2014** – Spud well on 9-14-2014 at 10:00 am utilizing Craig Energy bucket rig. 20 feet of hole was drilled with 20 feet of 20-inch conductor pipe installed utilizing 4 yards of cement within a 6 foot cellar ring.

**10/15/2014** – Drilling operations suspended for spring weather conditions

**11/15/2014** – Drilling operations suspended for spring weather conditions

**12/15/2014** – Drilling operations suspended for spring weather conditions

**1/15/2015** – Drilling operations suspended for spring weather conditions

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>			
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<b>2. NAME OF OPERATOR:</b> STEWART PETROLEUM CORP		<b>8. WELL NAME and NUMBER:</b> TUMBLEWEED 19-1			
<b>3. ADDRESS OF OPERATOR:</b> 475 17th Street Ste 790 , Denver , CO, 80202		<b>9. API NUMBER:</b> 43047514210000			
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<b>TYPE OF SUBMISSION</b>  <input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 6/15/2014  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<b>TYPE OF ACTION</b>  <table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION         </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input checked="" type="checkbox"/> OTHER         </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION            OTHER: <span style="border: 1px solid black; padding: 2px;">Suspension of Drilling</span> </td> </tr> </table>		<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <span style="border: 1px solid black; padding: 2px;">Suspension of Drilling</span>
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<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b>  Stewart Petroleum Corporation respectfully requests that drilling operations remain suspended on the Tumbleweed 19-1 until spring conditions allow for drilling of the proposed well bore.					
<b>Accepted by the Utah Division of Oil, Gas and Mining</b>  <b>Date:</b> March 26, 2015 <b>By:</b>					
<b>NAME (PLEASE PRINT)</b> Don Hamilton		<b>PHONE NUMBER</b> 435 719-2018			
<b>SIGNATURE</b> N/A		<b>TITLE</b> Permitting Agent (Star Point Enterprises, Inc.)			
<b>DATE</b> 3/18/2015					



**Stewart Petroleum Corporation**

# **Drilling Report**

**Tumbleweed 19-1 (43-047-51421)**

**UTU-72018**

**9/15/2014** – Spud well on 9-14-2014 at 10:00 am utilizing Craig Energy bucket rig. 20 feet of hole was drilled with 20 feet of 20-inch conductor pipe installed utilizing 4 yards of cement within a 6 foot cellar ring.

**10/15/2014** – Drilling operations suspended for spring weather conditions

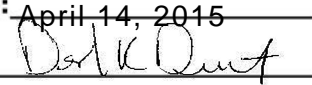
**11/15/2014** – Drilling operations suspended for spring weather conditions

**12/15/2014** – Drilling operations suspended for spring weather conditions

**1/15/2015** – Drilling operations suspended for spring weather conditions

**2/15/2015** – Drilling operations suspended for spring weather conditions

**3/15/2015** – Drilling operations suspended for spring weather conditions

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>																														
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<b>2. NAME OF OPERATOR:</b> STEWART PETROLEUM CORP		<b>8. WELL NAME and NUMBER:</b> TUMBLEWEED 19-1																														
<b>3. ADDRESS OF OPERATOR:</b> 475 17th Street Ste 790 , Denver , CO, 80202		<b>9. API NUMBER:</b> 43047514210000																														
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<b>TYPE OF SUBMISSION</b>  <input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 5/1/2016  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<b>TYPE OF ACTION</b>  <table style="width: 100%;"> <tr> <td><input type="checkbox"/> ACIDIZE</td> <td><input type="checkbox"/> ALTER CASING</td> <td><input type="checkbox"/> CASING REPAIR</td> </tr> <tr> <td><input type="checkbox"/> CHANGE TO PREVIOUS PLANS</td> <td><input type="checkbox"/> CHANGE TUBING</td> <td><input type="checkbox"/> CHANGE WELL NAME</td> </tr> <tr> <td><input type="checkbox"/> CHANGE WELL STATUS</td> <td><input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS</td> <td><input type="checkbox"/> CONVERT WELL TYPE</td> </tr> <tr> <td><input type="checkbox"/> DEEPEN</td> <td><input type="checkbox"/> FRACTURE TREAT</td> <td><input type="checkbox"/> NEW CONSTRUCTION</td> </tr> <tr> <td><input type="checkbox"/> OPERATOR CHANGE</td> <td><input type="checkbox"/> PLUG AND ABANDON</td> <td><input type="checkbox"/> PLUG BACK</td> </tr> <tr> <td><input type="checkbox"/> PRODUCTION START OR RESUME</td> <td><input type="checkbox"/> RECLAMATION OF WELL SITE</td> <td><input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION</td> </tr> <tr> <td><input type="checkbox"/> REPERFORATE CURRENT FORMATION</td> <td><input type="checkbox"/> SIDETRACK TO REPAIR WELL</td> <td><input type="checkbox"/> TEMPORARY ABANDON</td> </tr> <tr> <td><input type="checkbox"/> TUBING REPAIR</td> <td><input type="checkbox"/> VENT OR FLARE</td> <td><input type="checkbox"/> WATER DISPOSAL</td> </tr> <tr> <td><input type="checkbox"/> WATER SHUTOFF</td> <td><input type="checkbox"/> SI TA STATUS EXTENSION</td> <td><input type="checkbox"/> APD EXTENSION</td> </tr> <tr> <td><input type="checkbox"/> WILDCAT WELL DETERMINATION</td> <td><input checked="" type="checkbox"/> OTHER</td> <td>OTHER: <input type="text" value="Suspension of Drilling"/></td> </tr> </table>		<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="Suspension of Drilling"/>
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<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b>  Stewart Petroleum Corporation respectfully requests that drilling operations remain suspended on the Tumbleweed 19-1 until May 1, 2016 when the oil and gas economy has rebounded and the Tumbleweed 19-1 can be economically drilled and produced (see attached formal request letter).																																
<div style="text-align: right;"> <b>Accepted by the Utah Division of Oil, Gas and Mining</b>   <b>Date:</b> April 14, 2015  <b>By:</b>  </div>																																
<b>NAME (PLEASE PRINT)</b> Don Hamilton	<b>PHONE NUMBER</b> 435 719-2018	<b>TITLE</b> Permitting Agent (Star Point Enterprises, Inc.)																														
<b>SIGNATURE</b> N/A	<b>DATE</b> 4/14/2015																															



STEWART PETROLEUM CORPORATION

475 Seventeenth Street • Suite 1250 • Denver, CO 80202  
(303) 799-1922 • FAX (303) 799-1924

April 10, 2015

Robin L. Hansen - Senior Petroleum Engineer  
Bureau of Land Management  
Green River District – Vernal Field Office  
170 South 500 East  
Vernal, Utah 84078

Re: Extension of Drilling Operations Suspension – Stewart Petroleum Corporation

- Tumbleweed 18-8 (43-047-51418) - UTU-72059
- Tumbleweed 19-1 (43-047-51421) UTU-72018

Dear Mr. Robin Hansen:

Stewart Petroleum Corporation is the operator of the Tumbleweed 18-8 and Tumbleweed 19-1 wells to be drilled to the above referenced federal leases from a federal surface location within the NE/4 SE/4, Section 18, T15S, R21E, SLB&M in Uintah County, Utah. This letter constitutes a formal application for extension of the previously approved Drilling Operations Suspension dated March 31, 2015 for the referenced wells.

On September 14, 2014 Stewart Petroleum Corporation spud the approved Tumbleweed 18-8 and Tumbleweed 19-1 wells with drilling of the wells to follow. On November 14, 2014 Stewart Petroleum Corporation filed for a Suspension of Drilling Operations until spring conditions would allow drilling of the well bores which was later approved on December 17, 2014. Collapse of the oil and gas economy followed this approval resulting in the wells being uneconomic to drill until some recovery of the oil and gas economy occurs. Current economic indicators suggest that the economy will steadily improve during 2015 and early 2016 with an April 2016 natural gas price of \$3.45/MMBtu and oil price of \$71.00/bbl. The wells would unlikely be economic to drill until these prices were reached during the spring of 2016 at which time Stewart Petroleum would drill the wells or request additional short-term extension.

Stewart Petroleum Corporation requests that formal approval be given to maintain the current suspension of drilling operations until May 1, 2016.

Please feel free to contact me at 303-799-1922 (office) or 720-339-9637 (mobile) or Don Hamilton at 435-650-3866 of Star Point Enterprises, Inc. should you have any questions, need additional information or prefer to discuss by phone.

Sincerely,

Daryl R. Stewart - President  
Stewart Petroleum Corporation

cc: Don Hamilton, Star Point Enterprises, Inc.

**Stewart Petroleum Corporation**

# **Drilling Report**

**Tumbleweed 19-1 (43-047-51421)**

**UTU-72018**

**9/15/2014** – Spud well on 9-14-2014 at 10:00 am utilizing Craig Energy bucket rig. 20 feet of hole was drilled with 20 feet of 20-inch conductor pipe installed utilizing 4 yards of cement within a 6 foot cellar ring.

**10/15/2014** – Drilling operations suspended for spring weather conditions

**11/15/2014** – Drilling operations suspended for spring weather conditions

**12/15/2014** – Drilling operations suspended for spring weather conditions

**1/15/2015** – Drilling operations suspended for spring weather conditions

**2/15/2015** – Drilling operations suspended for spring weather conditions

**3/15/2015** – Drilling operations suspended for spring weather conditions

**4/14/2015** – Drilling operations suspended for better economic conditions

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-72018
<b>1. TYPE OF WELL</b> Gas Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> STEWART PETROLEUM CORP		<b>7. UNIT or CA AGREEMENT NAME:</b> TUMBLEWEED
<b>3. ADDRESS OF OPERATOR:</b> 475 17th Street Ste 790 , Denver , CO, 80202		<b>8. WELL NAME and NUMBER:</b> TUMBLEWEED 19-1
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1663 FSL 0673 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NESE Section: 18 Township: 15.0S Range: 21.0E Meridian: S		<b>9. API NUMBER:</b> 43047514210000
<b>9. FIELD and POOL or WILDCAT:</b> FLAT ROCK		<b>COUNTY:</b> UINTAH
<b>STATE:</b> UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION	<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <div style="border: 1px solid black; padding: 2px; display: inline-block;">5/1/2016</div>  <input type="checkbox"/> SPUD REPORT Date of Spud:
<input type="checkbox"/> DRILLING REPORT Report Date:	<input checked="" type="checkbox"/> OTHER			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Stewart Petroleum Corporation respectfully requests that drilling operations remain suspended on the Tumbleweed 19-1 until May 1, 2016 when the oil and gas economy has rebounded and the Tumbleweed 19-1 can be economically drilled and produced (formal request letter previously submitted)

**Accepted by the  
Utah Division of  
Oil, Gas and Mining**

**FOR RECORD ONLY**

May 18, 2015

<b>NAME (PLEASE PRINT)</b> Don Hamilton	<b>PHONE NUMBER</b> 435 719-2018	<b>TITLE</b> Permitting Agent (Star Point Enterprises, Inc.)
<b>SIGNATURE</b> N/A	<b>DATE</b> 5/15/2015	

**Stewart Petroleum Corporation**

# **Drilling Report**

**Tumbleweed 19-1 (43-047-51421)**

**UTU-72018**

**9/15/2014** – Spud well on 9-14-2014 at 10:00 am utilizing Craig Energy bucket rig. 20 feet of hole was drilled with 20 feet of 20-inch conductor pipe installed utilizing 4 yards of cement within a 6 foot cellar ring.

**10/15/2014** – Drilling operations suspended for spring weather conditions

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**4/15/2015** – Drilling operations suspended for better economic conditions

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<b>2. NAME OF OPERATOR:</b> STEWART PETROLEUM CORP		<b>7. UNIT or CA AGREEMENT NAME:</b> TUMBLEWEED
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<b>STATE:</b> UTAH		

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<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 6/15/2015	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION	
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12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  
  

Stewart Petroleum Corporation respectfully requests that drilling operations remain suspended on the Tumbleweed 19-1 until May 1, 2016 when the oil and gas economy has rebounded and the Tumbleweed 19-1 can be economically drilled and produced (formal request letter previously submitted).

**Accepted by the  
Utah Division of  
Oil, Gas and Mining**

**FOR RECORD ONLY**

June 15, 2015

<b>NAME (PLEASE PRINT)</b> Don Hamilton	<b>PHONE NUMBER</b> 435 719-2018	<b>TITLE</b> Permitting Agent (Star Point Enterprises, Inc.)
<b>SIGNATURE</b> N/A	<b>DATE</b> 6/15/2015	

**Stewart Petroleum Corporation**

# **Drilling Report**

**Tumbleweed 19-1 (43-047-51421)**

**UTU-72018**

**9/15/2014** – Spud well on 9-14-2014 at 10:00 am utilizing Craig Energy bucket rig. 20 feet of hole was drilled with 20 feet of 20-inch conductor pipe installed utilizing 4 yards of cement within a 6 foot cellar ring.

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<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
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<b>2. NAME OF OPERATOR:</b> STEWART PETROLEUM CORP		<b>7. UNIT or CA AGREEMENT NAME:</b> TUMBLEWEED
<b>3. ADDRESS OF OPERATOR:</b> 475 17th Street Ste 790 , Denver , CO, 80202		<b>8. WELL NAME and NUMBER:</b> TUMBLEWEED 19-1
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1663 FSL 0673 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NESE Section: 18 Township: 15.0S Range: 21.0E Meridian: S		<b>9. API NUMBER:</b> 43047514210000
<b>9. FIELD and POOL or WILDCAT:</b> FLAT ROCK		<b>COUNTY:</b> UINTAH
<b>STATE:</b> UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE	
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 7/15/2015	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  
  

Stewart Petroleum Corporation respectfully requests that drilling operations remain suspended on the Tumbleweed 19-1 until May 1, 2016 when the oil and gas economy has rebounded and the Tumbleweed 19-1 can be economically drilled and produced (formal request letter previously submitted).

**Accepted by the  
Utah Division of  
Oil, Gas and Mining**

**FOR RECORD ONLY**

July 28, 2015

<b>NAME (PLEASE PRINT)</b> Don Hamilton	<b>PHONE NUMBER</b> 435 719-2018	<b>TITLE</b> Permitting Agent (Star Point Enterprises, Inc.)
<b>SIGNATURE</b> N/A	<b>DATE</b> 7/15/2015	

**Stewart Petroleum Corporation**

# **Drilling Report**

**Tumbleweed 19-1 (43-047-51421)**

**UTU-72018**

**9/15/2014** – Spud well on 9-14-2014 at 10:00 am utilizing Craig Energy bucket rig. 20 feet of hole was drilled with 20 feet of 20-inch conductor pipe installed utilizing 4 yards of cement within a 6 foot cellar ring.

**10/15/2014** – Drilling operations suspended for spring weather conditions

**11/15/2014** – Drilling operations suspended for spring weather conditions

**12/15/2014** – Drilling operations suspended for spring weather conditions

**1/15/2015** – Drilling operations suspended for spring weather conditions

**2/15/2015** – Drilling operations suspended for spring weather conditions

**3/15/2015** – Drilling operations suspended for spring weather conditions

**4/15/2015** – Drilling operations suspended for better economic conditions

**5/15/2015** – Drilling operations suspended for better economic conditions

**6/15/2015** – Drilling operations suspended for better economic conditions

**7/15/2015** – Drilling operations suspended for better economic conditions

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-72018
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME: TUMBLEWEED
		8. WELL NAME and NUMBER: TUMBLEWEED 19-1
1. TYPE OF WELL Gas Well		9. API NUMBER: 43047514210000
2. NAME OF OPERATOR: STEWART PETROLEUM CORP		9. FIELD and POOL or WILDCAT: FLAT ROCK
3. ADDRESS OF OPERATOR: 475 17th Street Ste 790 , Denver , CO, 80202		9. FIELD and POOL or WILDCAT: FLAT ROCK
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1663 FSL 0673 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESE Section: 18 Township: 15.0S Range: 21.0E Meridian: S		COUNTY: UINTAH
		STATE: UTAH

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION  OTHER: <input style="width: 100px;" type="text"/>
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:			
<input type="checkbox"/> SPUD REPORT Date of Spud:			
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 8/15/2015			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Stewart Petroleum Corporation respectfully requests that drilling operations remain suspended on the Tumbleweed 19-1 until May 1, 2016 when the oil and gas economy has rebounded and the Tumbleweed 19-1 can be economically drilled and produced (formal request letter previously approved).

**Accepted by the**  
**Utah Division of**  
**Oil, Gas and Mining**  
**FOR RECORD ONLY**  
 August 19, 2015

NAME (PLEASE PRINT) Don Hamilton	PHONE NUMBER 435 719-2018	TITLE Permitting Agent (Star Point Enterprises, Inc.)
SIGNATURE N/A		DATE 8/15/2015

**Stewart Petroleum Corporation**

# **Drilling Report**

**Tumbleweed 19-1 (43-047-51421)**

**UTU-72018**

**9/15/2014** – Spud well on 9-14-2014 at 10:00 am utilizing Craig Energy bucket rig. 20 feet of hole was drilled with 20 feet of 20-inch conductor pipe installed utilizing 4 yards of cement within a 6 foot cellar ring.

**10/15/2014** – Drilling operations suspended for spring weather conditions

**11/15/2014** – Drilling operations suspended for spring weather conditions

**12/15/2014** – Drilling operations suspended for spring weather conditions

**1/15/2015** – Drilling operations suspended for spring weather conditions

**2/15/2015** – Drilling operations suspended for spring weather conditions

**3/15/2015** – Drilling operations suspended for spring weather conditions

**4/15/2015** – Drilling operations suspended for better economic conditions

**5/15/2015** – Drilling operations suspended for better economic conditions

**6/15/2015** – Drilling operations suspended for better economic conditions

**7/15/2015** – Drilling operations suspended for better economic conditions

**8/15/2015** – Drilling operations suspended for better economic conditions



<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-72018
<b>1. TYPE OF WELL</b> Gas Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> STEWART PETROLEUM CORP		<b>7. UNIT or CA AGREEMENT NAME:</b> TUMBLEWEED
<b>3. ADDRESS OF OPERATOR:</b> 475 17th Street Ste 790 , Denver , CO, 80202		<b>8. WELL NAME and NUMBER:</b> TUMBLEWEED 19-1
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1663 FSL 0673 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NESE Section: 18 Township: 15.0S Range: 21.0E Meridian: S		<b>9. API NUMBER:</b> 43047514210000
<b>9. FIELD and POOL or WILDCAT:</b> FLAT ROCK		<b>COUNTY:</b> UINTAH
<b>STATE:</b> UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE	
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 9/15/2015	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  
  

Stewart Petroleum Corporation respectfully requests that drilling operations remain suspended on the Tumbleweed 19-1 until May 1, 2016 when the oil and gas economy has rebounded and the Tumbleweed 19-1 can be economically drilled and produced (formal request letter previously approved).

**Accepted by the  
Utah Division of  
Oil, Gas and Mining**

**FOR RECORD ONLY**

September 16, 2015

<b>NAME (PLEASE PRINT)</b> Don Hamilton	<b>PHONE NUMBER</b> 435 719-2018	<b>TITLE</b> Permitting Agent (Star Point Enterprises, Inc.)
<b>SIGNATURE</b> N/A	<b>DATE</b> 9/15/2015	

**Stewart Petroleum Corporation**

# **Drilling Report**

**Tumbleweed 19-1 (43-047-51421)**

**UTU-72018**

**9/15/2014** – Spud well on 9-14-2014 at 10:00 am utilizing Craig Energy bucket rig. 20 feet of hole was drilled with 20 feet of 20-inch conductor pipe installed utilizing 4 yards of cement within a 6 foot cellar ring.

**10/15/2014** – Drilling operations suspended for spring weather conditions

**11/15/2014** – Drilling operations suspended for spring weather conditions

**12/15/2014** – Drilling operations suspended for spring weather conditions

**1/15/2015** – Drilling operations suspended for spring weather conditions

**2/15/2015** – Drilling operations suspended for spring weather conditions

**3/15/2015** – Drilling operations suspended for spring weather conditions

**4/15/2015** – Drilling operations suspended for better economic conditions

**5/15/2015** – Drilling operations suspended for better economic conditions

**6/15/2015** – Drilling operations suspended for better economic conditions

**7/15/2015** – Drilling operations suspended for better economic conditions

**8/15/2015** – Drilling operations suspended for better economic conditions

**9/15/2015** – Drilling operations suspended for better economic conditions

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-72018
<b>1. TYPE OF WELL</b> Gas Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> STEWART PETROLEUM CORP		<b>7. UNIT or CA AGREEMENT NAME:</b> TUMBLEWEED
<b>3. ADDRESS OF OPERATOR:</b> 475 17th Street Ste 790 , Denver , CO, 80202		<b>8. WELL NAME and NUMBER:</b> TUMBLEWEED 19-1
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1663 FSL 0673 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NESE Section: 18 Township: 15.0S Range: 21.0E Meridian: S		<b>9. API NUMBER:</b> 43047514210000
<b>9. FIELD and POOL or WILDCAT:</b> FLAT ROCK		<b>COUNTY:</b> UINTAH
<b>STATE:</b> UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE	
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 10/15/2015	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  
  

Stewart Petroleum Corporation respectfully requests that drilling operations remain suspended on the Tumbleweed 19-1 until May 1, 2016 when the oil and gas economy has rebounded and the Tumbleweed 19-1 can be economically drilled and produced (formal request letter previously approved).

**Accepted by the  
Utah Division of  
Oil, Gas and Mining**

**FOR RECORD ONLY**

October 16, 2015

<b>NAME (PLEASE PRINT)</b> Don Hamilton	<b>PHONE NUMBER</b> 435 719-2018	<b>TITLE</b> Permitting Agent (Star Point Enterprises, Inc.)
<b>SIGNATURE</b> N/A	<b>DATE</b> 10/16/2015	

Stewart Petroleum Corporation

# Drilling Report

**Tumbleweed 19-1 (43-047-51421)**

**UTU-72018**

**9/15/2014** – Spud well on 9-14-2014 at 10:00 am utilizing Craig Energy bucket rig. 20 feet of hole was drilled with 20 feet of 20-inch conductor pipe installed utilizing 4 yards of cement within a 6 foot cellar ring.

**10/15/2014** – Drilling operations suspended for spring weather conditions

**11/15/2014** – Drilling operations suspended for spring weather conditions

**12/15/2014** – Drilling operations suspended for spring weather conditions

**1/15/2015** – Drilling operations suspended for spring weather conditions

**2/15/2015** – Drilling operations suspended for spring weather conditions

**3/15/2015** – Drilling operations suspended for spring weather conditions

**4/15/2015** – Drilling operations suspended for better economic conditions

**5/15/2015** – Drilling operations suspended for better economic conditions

**6/15/2015** – Drilling operations suspended for better economic conditions

**7/15/2015** – Drilling operations suspended for better economic conditions

**8/15/2015** – Drilling operations suspended for better economic conditions

**9/15/2015** – Drilling operations suspended for better economic conditions

**10/15/2015** – Drilling operations suspended for better economic conditions

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-72018
<b>1. TYPE OF WELL</b> Gas Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> STEWART PETROLEUM CORP		<b>7. UNIT or CA AGREEMENT NAME:</b> TUMBLEWEED
<b>3. ADDRESS OF OPERATOR:</b> 475 17th Street Ste 790 , Denver , CO, 80202		<b>8. WELL NAME and NUMBER:</b> TUMBLEWEED 19-1
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1663 FSL 0673 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NESE Section: 18 Township: 15.0S Range: 21.0E Meridian: S		<b>9. API NUMBER:</b> 43047514210000
<b>9. FIELD and POOL or WILDCAT:</b> FLAT ROCK		<b>COUNTY:</b> UINTAH
<b>STATE:</b> UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE	
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 11/15/2015	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  
  

Stewart Petroleum Corporation respectfully requests that drilling operations remain suspended on the Tumbleweed 19-1 until May 1, 2016 when the oil and gas economy has rebounded and the Tumbleweed 19-1 can be economically drilled and produced (formal request letter previously approved).

**Accepted by the  
Utah Division of  
Oil, Gas and Mining**

**FOR RECORD ONLY**

November 19, 2015

<b>NAME (PLEASE PRINT)</b> Don Hamilton	<b>PHONE NUMBER</b> 435 719-2018	<b>TITLE</b> Permitting Agent (Star Point Enterprises, Inc.)
<b>SIGNATURE</b> N/A	<b>DATE</b> 11/18/2015	

Stewart Petroleum Corporation

# Drilling Report

**Tumbleweed 19-1 (43-047-51421)**

**UTU-72018**

**9/15/2014** – Spud well on 9-14-2014 at 10:00 am utilizing Craig Energy bucket rig. 20 feet of hole was drilled with 20 feet of 20-inch conductor pipe installed utilizing 4 yards of cement within a 6 foot cellar ring.

**10/15/2014** – Drilling operations suspended for spring weather conditions

**11/15/2014** – Drilling operations suspended for spring weather conditions

**12/15/2014** – Drilling operations suspended for spring weather conditions

**1/15/2015** – Drilling operations suspended for spring weather conditions

**2/15/2015** – Drilling operations suspended for spring weather conditions

**3/15/2015** – Drilling operations suspended for spring weather conditions

**4/15/2015** – Drilling operations suspended for better economic conditions

**5/15/2015** – Drilling operations suspended for better economic conditions

**6/15/2015** – Drilling operations suspended for better economic conditions

**7/15/2015** – Drilling operations suspended for better economic conditions

**8/15/2015** – Drilling operations suspended for better economic conditions

**9/15/2015** – Drilling operations suspended for better economic conditions

**10/15/2015** – Drilling operations suspended for better economic conditions

**11/15/2015** – Drilling operations suspended for better economic conditions



<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-72018
		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>1. TYPE OF WELL</b> Gas Well		<b>7. UNIT or CA AGREEMENT NAME:</b> TUMBLEWEED
<b>2. NAME OF OPERATOR:</b> STEWART PETROLEUM CORP		<b>8. WELL NAME and NUMBER:</b> TUMBLEWEED 19-1
<b>3. ADDRESS OF OPERATOR:</b> 475 17th Street Ste 790 , Denver , CO, 80202	<b>PHONE NUMBER:</b> 303 799-1922 Ext	<b>9. API NUMBER:</b> 43047514210000
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1663 FSL 0673 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NESE Section: 18 Township: 15.0S Range: 21.0E Meridian: S		<b>9. FIELD and POOL or WILDCAT:</b> FLAT ROCK
		<b>COUNTY:</b> UINTAH
		<b>STATE:</b> UTAH

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE	
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 12/15/2015	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input type="text"/>	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Stewart Petroleum Corporation respectfully requests that drilling operations remain suspended on the Tumbleweed 19-1 until May 1, 2016 when the oil and gas economy has rebounded and the Tumbleweed 19-1 can be economically drilled and produced (formal request letter previously approved).

**Accepted by the**  
**Utah Division of**  
**Oil, Gas and Mining**  
**FOR RECORD ONLY**  
 December 15, 2015

<b>NAME (PLEASE PRINT)</b> Don Hamilton	<b>PHONE NUMBER</b> 435 719-2018	<b>TITLE</b> Permitting Agent (Star Point Enterprises, Inc.)
<b>SIGNATURE</b> N/A	<b>DATE</b> 12/15/2015	

**Stewart Petroleum Corporation**

# **Drilling Report**

**Tumbleweed 19-1 (43-047-51421)**

**UTU-72018**

**9/15/2014** – Spud well on 9-14-2014 at 10:00 am utilizing Craig Energy bucket rig. 20 feet of hole was drilled with 20 feet of 20-inch conductor pipe installed utilizing 4 yards of cement within a 6 foot cellar ring.

**10/15/2014** – Drilling operations suspended for spring weather conditions

**11/15/2014** – Drilling operations suspended for spring weather conditions

**12/15/2014** – Drilling operations suspended for spring weather conditions

**1/15/2015** – Drilling operations suspended for spring weather conditions

**2/15/2015** – Drilling operations suspended for spring weather conditions

**3/15/2015** – Drilling operations suspended for spring weather conditions

**4/15/2015** – Drilling operations suspended for better economic conditions

**5/15/2015** – Drilling operations suspended for better economic conditions

**6/15/2015** – Drilling operations suspended for better economic conditions

**7/15/2015** – Drilling operations suspended for better economic conditions

**8/15/2015** – Drilling operations suspended for better economic conditions

**9/15/2015** – Drilling operations suspended for better economic conditions

**10/15/2015** – Drilling operations suspended for better economic conditions

**11/15/2015** – Drilling operations suspended for better economic conditions

**12/15/2015** – Drilling operations suspended for better economic conditions

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-72018
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL Gas Well		7. UNIT or CA AGREEMENT NAME: TUMBLEWEED
2. NAME OF OPERATOR: STEWART PETROLEUM CORP		8. WELL NAME and NUMBER: TUMBLEWEED 19-1
3. ADDRESS OF OPERATOR: 475 17th Street Ste 790 , Denver , CO, 80202		9. API NUMBER: 43047514210000
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1663 FSL 0673 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESE Section: 18 Township: 15.0S Range: 21.0E Meridian: S		9. FIELD and POOL or WILDCAT: FLAT ROCK
		COUNTY: UINTAH
		STATE: UTAH

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE	
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 1/15/2016	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input type="text"/>	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Stewart Petroleum Corporation respectfully requests that drilling operations remain suspended on the Tumbleweed 19-1 until May 1, 2016 when the oil and gas economy has rebounded and the Tumbleweed 19-1 can be economically drilled and produced (formal request letter previously approved).

**Accepted by the**  
**Utah Division of**  
**Oil, Gas and Mining**  
**FOR RECORD ONLY**  
 January 19, 2016

NAME (PLEASE PRINT) Don Hamilton	PHONE NUMBER 435 719-2018	TITLE Permitting Agent (Star Point Enterprises, Inc.)
SIGNATURE N/A	DATE 1/15/2016	

**Stewart Petroleum Corporation**

# **Drilling Report**

**Tumbleweed 19-1 (43-047-51421)**

**UTU-72018**

**9/15/2014** – Spud well on 9-14-2014 at 10:00 am utilizing Craig Energy bucket rig. 20 feet of hole was drilled with 20 feet of 20-inch conductor pipe installed utilizing 4 yards of cement within a 6 foot cellar ring.

**10/15/2014** – Drilling operations suspended for spring weather conditions

**11/15/2014** – Drilling operations suspended for spring weather conditions

**12/15/2014** – Drilling operations suspended for spring weather conditions

**1/15/2015** – Drilling operations suspended for spring weather conditions

**2/15/2015** – Drilling operations suspended for spring weather conditions

**3/15/2015** – Drilling operations suspended for spring weather conditions

**4/15/2015** – Drilling operations suspended for better economic conditions

**5/15/2015** – Drilling operations suspended for better economic conditions

**6/15/2015** – Drilling operations suspended for better economic conditions

**7/15/2015** – Drilling operations suspended for better economic conditions

**8/15/2015** – Drilling operations suspended for better economic conditions

**9/15/2015** – Drilling operations suspended for better economic conditions

**10/15/2015** – Drilling operations suspended for better economic conditions

**11/15/2015** – Drilling operations suspended for better economic conditions

**12/15/2015** – Drilling operations suspended for better economic conditions

**1/15/2016** – Drilling operations suspended for better economic conditions

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-72018
<b>1. TYPE OF WELL</b> Gas Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> STEWART PETROLEUM CORP		<b>7. UNIT or CA AGREEMENT NAME:</b> TUMBLEWEED
<b>3. ADDRESS OF OPERATOR:</b> 475 17th Street Ste 790 , Denver , CO, 80202		<b>8. WELL NAME and NUMBER:</b> TUMBLEWEED 19-1
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1663 FSL 0673 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NESE Section: 18 Township: 15.0S Range: 21.0E Meridian: S		<b>9. API NUMBER:</b> 43047514210000
<b>9. FIELD and POOL or WILDCAT:</b> FLAT ROCK		<b>COUNTY:</b> UINTAH
<b>STATE:</b> UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE	
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 2/15/2016	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  
  

Stewart Petroleum Corporation respectfully requests that drilling operations remain suspended on the Tumbleweed 19-1 until May 1, 2016 when the oil and gas economy has rebounded and the Tumbleweed 19-1 can be economically drilled and produced (formal request letter previously approved).

**Accepted by the  
Utah Division of  
Oil, Gas and Mining**

**FOR RECORD ONLY**

February 16, 2016

<b>NAME (PLEASE PRINT)</b> Don Hamilton	<b>PHONE NUMBER</b> 435 719-2018	<b>TITLE</b> Permitting Agent (Star Point Enterprises, Inc.)
<b>SIGNATURE</b> N/A	<b>DATE</b> 2/15/2016	

**Stewart Petroleum Corporation**

# **Drilling Report**

**Tumbleweed 19-1 (43-047-51421)**

**UTU-72018**

**9/15/2014** – Spud well on 9-14-2014 at 10:00 am utilizing Craig Energy bucket rig. 20 feet of hole was drilled with 20 feet of 20-inch conductor pipe installed utilizing 4 yards of cement within a 6 foot cellar ring.

**10/15/2014** – Drilling operations suspended for spring weather conditions

**11/15/2014** – Drilling operations suspended for spring weather conditions

**12/15/2014** – Drilling operations suspended for spring weather conditions

**1/15/2015** – Drilling operations suspended for spring weather conditions

**2/15/2015** – Drilling operations suspended for spring weather conditions

**3/15/2015** – Drilling operations suspended for spring weather conditions

**4/15/2015** – Drilling operations suspended for better economic conditions

**5/15/2015** – Drilling operations suspended for better economic conditions

**6/15/2015** – Drilling operations suspended for better economic conditions

**7/15/2015** – Drilling operations suspended for better economic conditions

**8/15/2015** – Drilling operations suspended for better economic conditions

**9/15/2015** – Drilling operations suspended for better economic conditions

**10/15/2015** – Drilling operations suspended for better economic conditions

**11/15/2015** – Drilling operations suspended for better economic conditions

**12/15/2015** – Drilling operations suspended for better economic conditions

**1/15/2016** – Drilling operations suspended for better economic conditions

**2/15/2016** – Drilling operations suspended for better economic conditions



<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-72018
		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>1. TYPE OF WELL</b> Gas Well		<b>7. UNIT or CA AGREEMENT NAME:</b> TUMBLEWEED
<b>2. NAME OF OPERATOR:</b> STEWART PETROLEUM CORP		<b>8. WELL NAME and NUMBER:</b> TUMBLEWEED 19-1
<b>3. ADDRESS OF OPERATOR:</b> 475 17th Street Ste 790 , Denver , CO, 80202		<b>9. API NUMBER:</b> 43047514210000
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1663 FSL 0673 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NESE Section: 18 Township: 15.0S Range: 21.0E Meridian: S		<b>9. FIELD and POOL or WILDCAT:</b> FLAT ROCK
		<b>COUNTY:</b> UINTAH
		<b>STATE:</b> UTAH

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE	
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 3/15/2016	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input type="text"/>	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Stewart Petroleum Corporation respectfully requests that drilling operations remain suspended on the Tumbleweed 19-1 until May 1, 2016 when the oil and gas economy has rebounded and the Tumbleweed 19-1 can be economically drilled and produced (formal request letter previously approved).

**Accepted by the**  
**Utah Division of**  
**Oil, Gas and Mining**  
**FOR RECORD ONLY**  
 March 16, 2016

<b>NAME (PLEASE PRINT)</b> Don Hamilton	<b>PHONE NUMBER</b> 435 719-2018	<b>TITLE</b> Permitting Agent (Star Point Enterprises, Inc.)
<b>SIGNATURE</b> N/A		<b>DATE</b> 3/16/2016

**Stewart Petroleum Corporation**

# **Drilling Report**

**Tumbleweed 19-1 (43-047-51421)**

**UTU-72018**

**9/15/2014** – Spud well on 9-14-2014 at 10:00 am utilizing Craig Energy bucket rig. 20 feet of hole was drilled with 20 feet of 20-inch conductor pipe installed utilizing 4 yards of cement within a 6 foot cellar ring.

**10/15/2014** – Drilling operations suspended for spring weather conditions

**11/15/2014** – Drilling operations suspended for spring weather conditions

**12/15/2014** – Drilling operations suspended for spring weather conditions

**1/15/2015** – Drilling operations suspended for spring weather conditions

**2/15/2015** – Drilling operations suspended for spring weather conditions

**3/15/2015** – Drilling operations suspended for spring weather conditions

**4/15/2015** – Drilling operations suspended for better economic conditions

**5/15/2015** – Drilling operations suspended for better economic conditions

**6/15/2015** – Drilling operations suspended for better economic conditions

**7/15/2015** – Drilling operations suspended for better economic conditions

**8/15/2015** – Drilling operations suspended for better economic conditions

**9/15/2015** – Drilling operations suspended for better economic conditions

**10/15/2015** – Drilling operations suspended for better economic conditions

**11/15/2015** – Drilling operations suspended for better economic conditions

**12/15/2015** – Drilling operations suspended for better economic conditions

**1/15/2016** – Drilling operations suspended for better economic conditions

**2/15/2016** – Drilling operations suspended for better economic conditions

**3/15/2016** – Drilling operations suspended for better economic conditions

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-72018
		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
		<b>7. UNIT or CA AGREEMENT NAME:</b> TUMBLEWEED
		<b>8. WELL NAME and NUMBER:</b> TUMBLEWEED 19-1
<b>1. TYPE OF WELL</b> Gas Well		<b>9. API NUMBER:</b> 43047514210000
<b>2. NAME OF OPERATOR:</b> STEWART PETROLEUM CORP		<b>9. FIELD and POOL or WILDCAT:</b> FLAT ROCK
<b>3. ADDRESS OF OPERATOR:</b> 475 17th Street Ste 790 , Denver , CO, 80202		<b>9. FIELD and POOL or WILDCAT:</b> FLAT ROCK
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1663 FSL 0673 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NESE Section: 18 Township: 15.0S Range: 21.0E Meridian: S		<b>COUNTY:</b> UINTAH
		<b>STATE:</b> UTAH

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION  OTHER: <input style="width: 100px;" type="text"/>
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:			
<input type="checkbox"/> SPUD REPORT Date of Spud:			
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 4/15/2016			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Stewart Petroleum Corporation respectfully requests that drilling operations remain suspended on the Tumbleweed 19-1 until October 31, 2016 when the oil and gas economy has rebounded and the Tumbleweed 19-1 can be economically drilled and produced (formal request letter previously approved).

**Accepted by the**  
**Utah Division of**  
**Oil, Gas and Mining**  
**FOR RECORD ONLY**  
 April 18, 2016

<b>NAME (PLEASE PRINT)</b> Don Hamilton	<b>PHONE NUMBER</b> 435 719-2018	<b>TITLE</b> Permitting Agent (Star Point Enterprises, Inc.)
<b>SIGNATURE</b> N/A		<b>DATE</b> 4/14/2016

**Stewart Petroleum Corporation**

# **Drilling Report**

**Tumbleweed 19-1 (43-047-51421)**

**UTU-72018**

**9/15/2014** – Spud well on 9-14-2014 at 10:00 am utilizing Craig Energy bucket rig. 20 feet of hole was drilled with 20 feet of 20-inch conductor pipe installed utilizing 4 yards of cement within a 6 foot cellar ring.

**10/15/2014** – Drilling operations suspended for spring weather conditions

**11/15/2014** – Drilling operations suspended for spring weather conditions

**12/15/2014** – Drilling operations suspended for spring weather conditions

**1/15/2015** – Drilling operations suspended for spring weather conditions

**2/15/2015** – Drilling operations suspended for spring weather conditions

**3/15/2015** – Drilling operations suspended for spring weather conditions

**4/15/2015** – Drilling operations suspended for better economic conditions

**5/15/2015** – Drilling operations suspended for better economic conditions

**6/15/2015** – Drilling operations suspended for better economic conditions

**7/15/2015** – Drilling operations suspended for better economic conditions

**8/15/2015** – Drilling operations suspended for better economic conditions

**9/15/2015** – Drilling operations suspended for better economic conditions

**10/15/2015** – Drilling operations suspended for better economic conditions

**11/15/2015** – Drilling operations suspended for better economic conditions

**12/15/2015** – Drilling operations suspended for better economic conditions

**1/15/2016** – Drilling operations suspended for better economic conditions

**2/15/2016** – Drilling operations suspended for better economic conditions

**3/15/2016** – Drilling operations suspended for better economic conditions

**4/15/2016** – Drilling operations suspended for better economic conditions

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-72018
<b>1. TYPE OF WELL</b> Gas Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> STEWART PETROLEUM CORP		<b>7. UNIT or CA AGREEMENT NAME:</b> TUMBLEWEED
<b>3. ADDRESS OF OPERATOR:</b> 475 17th Street Ste 790 , Denver , CO, 80202		<b>8. WELL NAME and NUMBER:</b> TUMBLEWEED 19-1
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1663 FSL 0673 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NESE Section: 18 Township: 15.0S Range: 21.0E Meridian: S		<b>9. API NUMBER:</b> 43047514210000
<b>PHONE NUMBER:</b> 303 799-1922 Ext		<b>9. FIELD and POOL or WILDCAT:</b> FLAT ROCK
<b>COUNTY:</b> UINTAH		<b>STATE:</b> UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE	
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 5/15/2016	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  
  

Stewart Petroleum Corporation respectfully requests that drilling operations remain suspended on the Tumbleweed 19-1 until October 31, 2016 when the oil and gas economy has rebounded and the Tumbleweed 19-1 can be economically drilled and produced (formal request letter previously approved).

**Accepted by the  
Utah Division of  
Oil, Gas and Mining**

**FOR RECORD ONLY**

May 16, 2016

<b>NAME (PLEASE PRINT)</b> Don Hamilton	<b>PHONE NUMBER</b> 435 719-2018	<b>TITLE</b> Permitting Agent (Star Point Enterprises, Inc.)
<b>SIGNATURE</b> N/A	<b>DATE</b> 5/15/2016	

**Stewart Petroleum Corporation**

# **Drilling Report**

**Tumbleweed 19-1 (43-047-51421)**

**UTU-72018**

**9/15/2014** – Spud well on 9-14-2014 at 10:00 am utilizing Craig Energy bucket rig. 20 feet of hole was drilled with 20 feet of 20-inch conductor pipe installed utilizing 4 yards of cement within a 6 foot cellar ring.

**10/15/2014** – Drilling operations suspended for spring weather conditions

**11/15/2014** – Drilling operations suspended for spring weather conditions

**12/15/2014** – Drilling operations suspended for spring weather conditions

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<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-72018
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME: TUMBLEWEED
		8. WELL NAME and NUMBER: TUMBLEWEED 19-1
1. TYPE OF WELL Gas Well		9. API NUMBER: 43047514210000
2. NAME OF OPERATOR: STEWART PETROLEUM CORP		9. FIELD and POOL or WILDCAT: FLAT ROCK
3. ADDRESS OF OPERATOR: 475 17th Street Ste 790 , Denver , CO, 80202		9. FIELD and POOL or WILDCAT: FLAT ROCK
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1663 FSL 0673 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESE Section: 18 Township: 15.0S Range: 21.0E Meridian: S		COUNTY: UINTAH
		STATE: UTAH

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION  OTHER: <input style="width: 100px;" type="text"/>
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:			
<input type="checkbox"/> SPUD REPORT Date of Spud:			
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 6/15/2016			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Stewart Petroleum Corporation respectfully requests that drilling operations remain suspended on the Tumbleweed 19-1 until October 31, 2016 when the oil and gas economy has rebounded and the Tumbleweed 19-1 can be economically drilled and produced (formal request letter previously approved).

**Accepted by the**  
**Utah Division of**  
**Oil, Gas and Mining**  
**FOR RECORD ONLY**  
 June 15, 2016

NAME (PLEASE PRINT) Don Hamilton	PHONE NUMBER 435 719-2018	TITLE Permitting Agent (Star Point Enterprises, Inc.)
SIGNATURE N/A	DATE 6/15/2016	



**Stewart Petroleum Corporation**

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<b>1. TYPE OF WELL</b> Gas Well		<b>7. UNIT or CA AGREEMENT NAME:</b> TUMBLEWEED
<b>2. NAME OF OPERATOR:</b> STEWART PETROLEUM CORP		<b>8. WELL NAME and NUMBER:</b> TUMBLEWEED 19-1
<b>3. ADDRESS OF OPERATOR:</b> 475 17th Street Ste 790 , Denver , CO, 80202		<b>9. API NUMBER:</b> 43047514210000
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1663 FSL 0673 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NESE Section: 18 Township: 15.0S Range: 21.0E Meridian: S		<b>9. FIELD and POOL or WILDCAT:</b> FLAT ROCK
		<b>COUNTY:</b> UINTAH
		<b>STATE:</b> UTAH

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**Oil, Gas and Mining**  
**FOR RECORD ONLY**  
 July 18, 2016

<b>NAME (PLEASE PRINT)</b> Don Hamilton	<b>PHONE NUMBER</b> 435 719-2018	<b>TITLE</b> Permitting Agent (Star Point Enterprises, Inc.)
<b>SIGNATURE</b> N/A		<b>DATE</b> 7/15/2016

**Stewart Petroleum Corporation**

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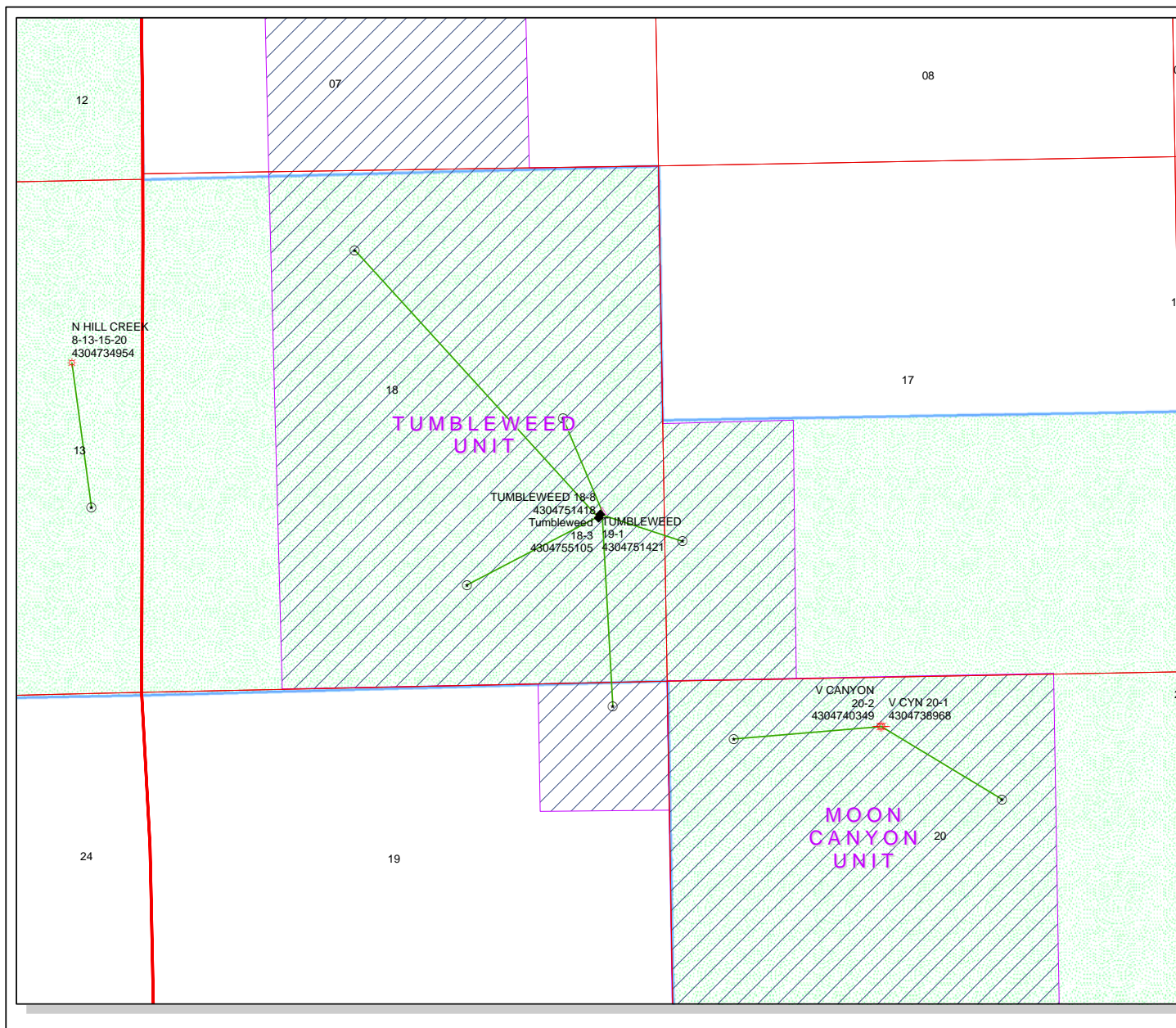
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<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b> Stewart Petroleum Corporation respectfully requests that the <b>surface location</b> for the Tumbleweed 19-1 be <b>relocated</b> to utilize the previously approved Tumbleweed 17-12 surface location. The bottom hole location has not changed. Following are the updated locations along the intended well bore path: Surface: 1753' FSL & 629' FEL, NE/4 SE/4, Section 18, T15S, R21E, SLB&M Target: 249' FNL & 559' FEL, NE/4 NE/4, Section 19, T15S, R21E, SLB&M Attached please find revised APD attachments reflecting the change to replace those previously approved.																																
<b>Approved by the</b> <b>July 26, 2016</b> <b>Oil, Gas and Mining</b>  <b>Date:</b> _____ <b>By:</b>																																
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**API Number: 4304751421**

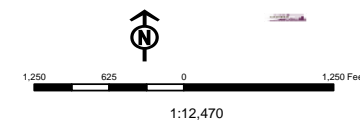
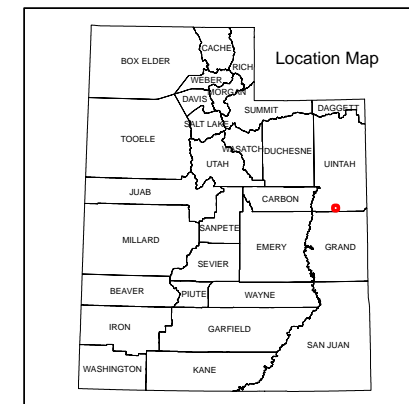
**Well Name: TUMBLEWEED 19-1**

Township: T15.0S Range: R21.0E Section: 18 Meridian: S

Operator: STEWART PETROLEUM CORP

Map Prepared: 7/21/2016  
Map Produced by Diana Mason

Wells Query		Units	
Status		STATUS	
APD - Approved Permit		ACTIVE	
DRL - Spudded (Drilling Commenced)		EXPLORATORY	
GIW - Gas Injection		GAS STORAGE	
GS - Gas Storage		NF PP OIL	
LOC - New Location		NF SECONDARY	
OPS - Operation Suspended		PI OIL	
PA - Plugged Abandoned		PP GAS	
PQW - Producing Gas Well		PP GEOTHERML	
POW - Producing Oil Well		PP OIL	
SGW - Shut-in Gas Well		SECONDARY	
SOW - Shut-in Oil Well		TERMINATED	
TA - Temp. Abandoned			
TW - Test Well			
WOW - Water Disposal			
WW - Water Injection Well			
WSW - Water Supply Well			
		Fields	
		STATUS	
		Unknown	
		ABANDONED	
		ACTIVE	
		COMBINED	
		INACTIVE	
		STORAGE	
		TERMINATED	





# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
440 West 200 South, Suite 500  
Salt Lake City, UT 84101

IN REPLY REFER TO:

3160

(UT-922)

July 21, 2016

Memorandum

To: Assistant Field Office Manager Minerals,  
Vernal Field Office

From: Michael Coulthard, Petroleum Engineer

Subject: 2016 Plan of Development Tumbleweed Unit  
Uintah County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2016 within the Tumbleweed Unit, Uintah County, Utah.

API #	LOCATION	WELL NAME
(Proposed PZ Wingate)		
43-047-51421	Tumbleweed 19-1	Sec 18 T15S R21E 1753 FSL 0629 FEL BHL Sec 19 T15S R21E 0249 FNL 0559 FEL
43-047-55106	Tumbleweed 17-12	Sec 18 T15S R21E 1717 FSL 0646 FEL BHL Sec 17 T15S R21E 1423 FSL 0187 FWL

This office has no objection to permitting the wells at this time.

MICHAEL COULTHARD

Digitally signed by MICHAEL COULTHARD  
Date: 2016.07.21 11:20:31 -06'00'

bcc: File - Tumbleweed Unit

Division of Oil Gas and Mining

Central Files

Agr. Sec. Chron

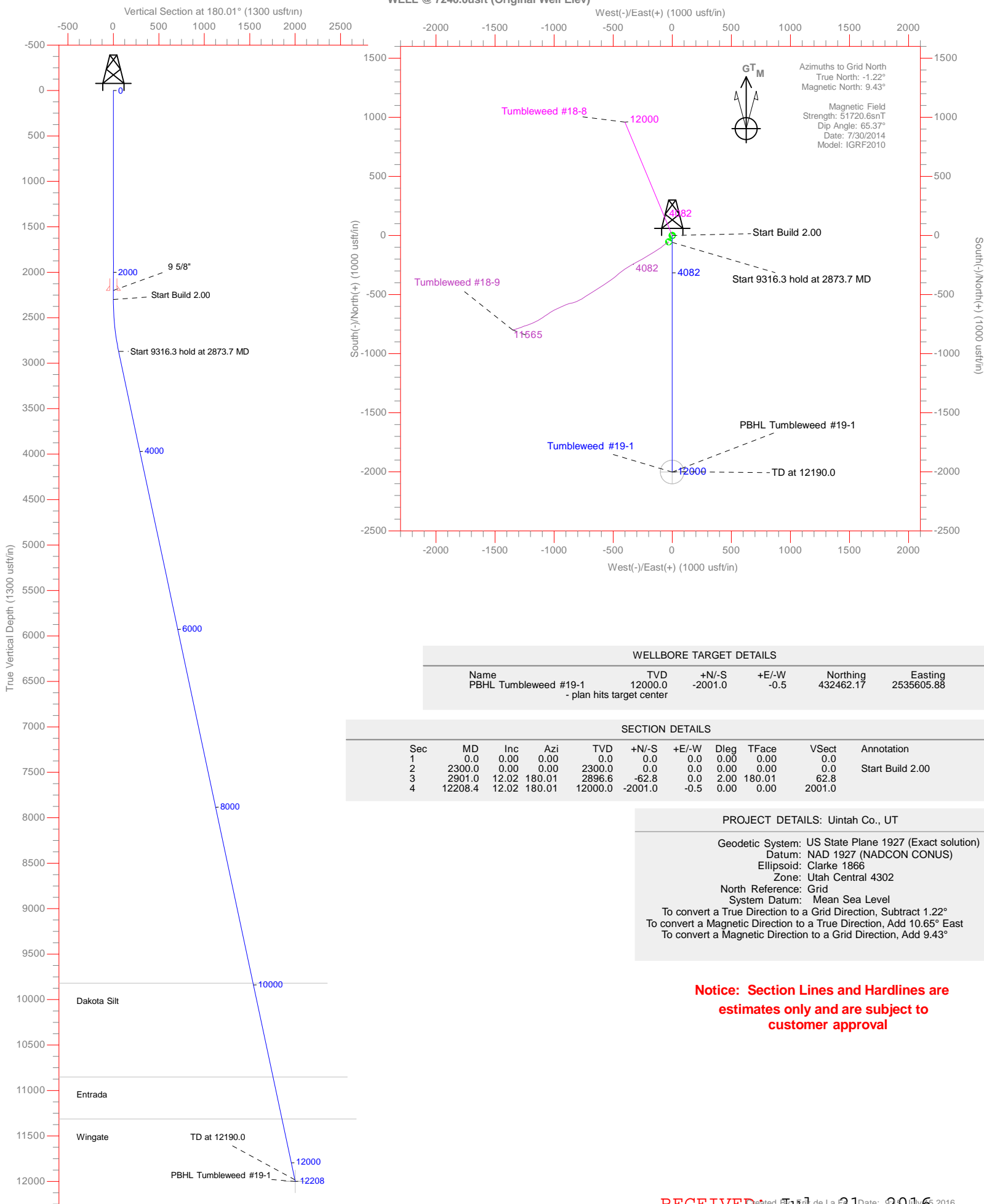
Fluid Chron

MCoulthard:mc:7-21-16

RECEIVED: Jul. 21, 2016



Plan: Design #1 (Tumbleweed #19-1/Wellbore #1)  
 WELL @ 7240.0usft (Original Well Elev)



WELLBORE TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting
PBHL Tumbleweed #19-1	12000.0	-2001.0	-0.5	432462.17	2535605.88
- plan hits target center					

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSec	Annotation
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	2300.0	0.00	0.00	2300.0	0.0	0.0	0.00	0.00	0.0	Start Build 2.00
3	2901.0	12.02	180.01	2896.6	-62.8	0.0	2.00	180.01	62.8	
4	12208.4	12.02	180.01	12000.0	-2001.0	-0.5	0.00	0.00	2001.0	

PROJECT DETAILS: Uintah Co., UT

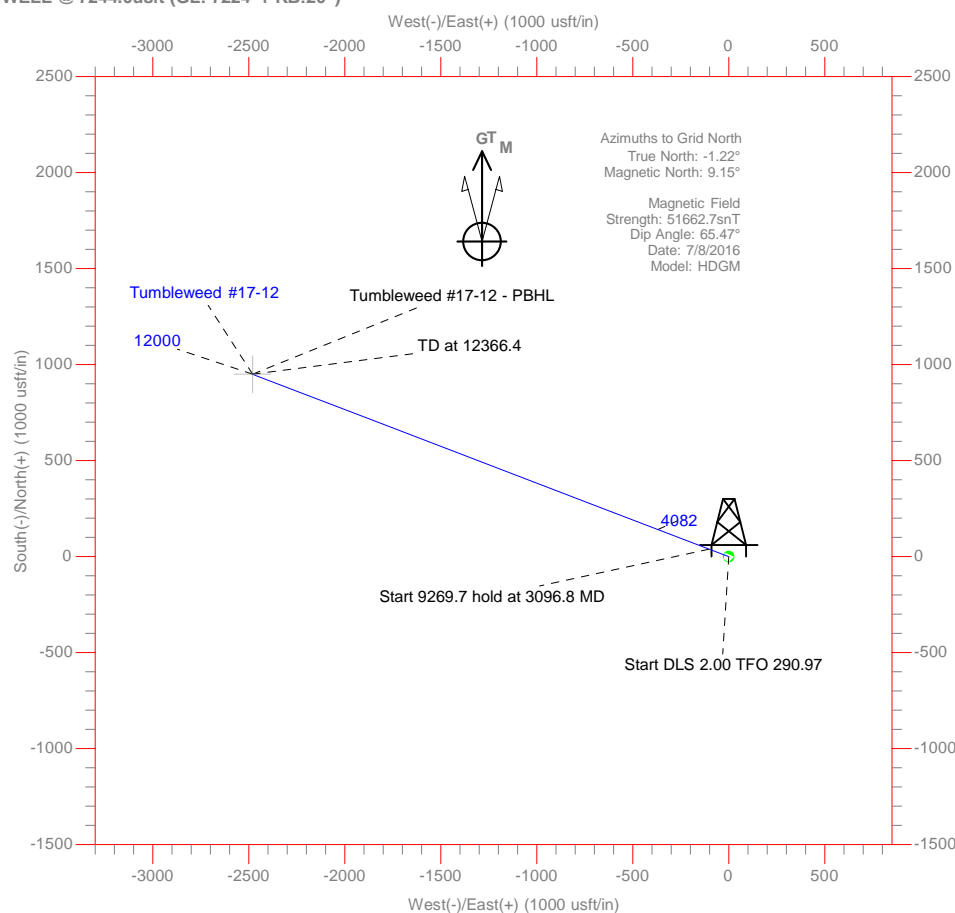
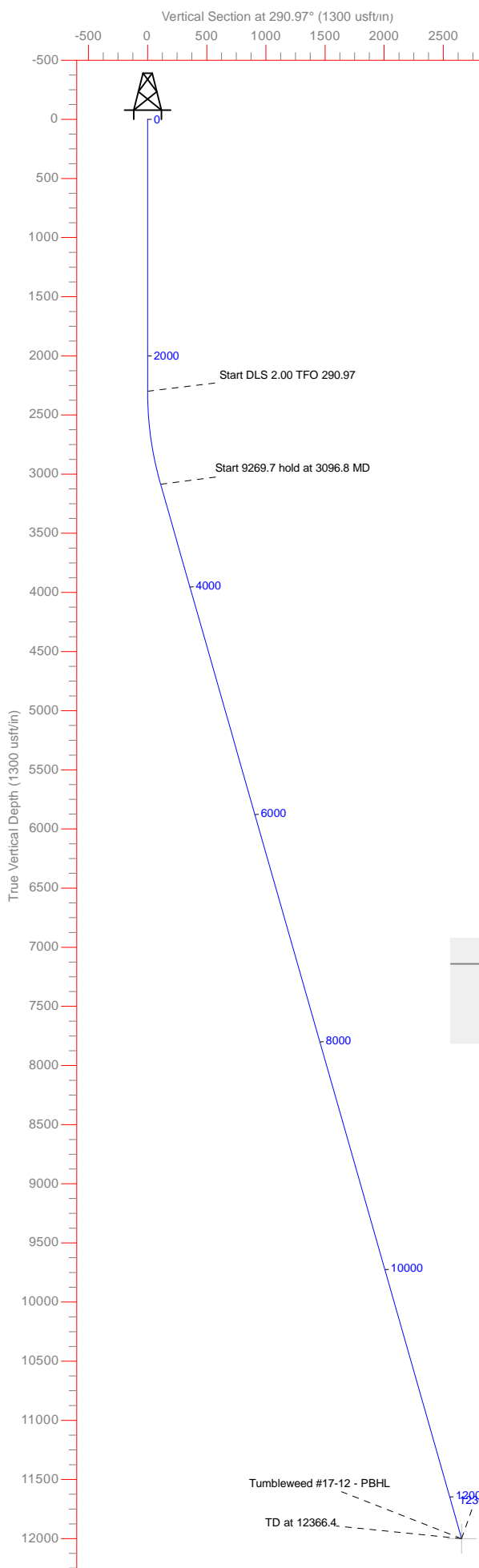
Geodetic System: US State Plane 1927 (Exact solution)  
 Datum: NAD 1927 (NADCON CONUS)  
 Ellipsoid: Clarke 1866  
 Zone: Utah Central 4302  
 North Reference: Grid  
 System Datum: Mean Sea Level  
 To convert a True Direction to a Grid Direction, Subtract 1.22°  
 To convert a Magnetic Direction to a True Direction, Add 10.65° East  
 To convert a Magnetic Direction to a Grid Direction, Add 9.43°

**Notice: Section Lines and Hardlines are estimates only and are subject to customer approval**





Plan: Design #1 (Tumbleweed #17-12 / #17-12)  
 WELL @ 7244.0usft (GL: 7224' + KB:20')



#### WELLBORE TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting
Tumbleweed #17-12 - PBHL - plan hits target center	12000.0	950.3	-2479.1	435377.77	2533110.78

#### SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Annotation
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	2300.0	0.00	0.00	2300.0	0.0	0.0	0.00	0.00	0.0	Start DLS 2.00 TFO 290.97
3	3096.8	15.94	290.97	3086.5	39.4	-102.8	2.00	290.97	110.1	Start 9269.7 hold at 3096.8 MD
4	12366.4	15.94	290.97	12000.0	950.3	-2479.1	0.00	0.00	2655.0	TD at 12366.4

#### PROJECT DETAILS: Uintah Co., UT

Geodetic System: US State Plane 1927 (Exact solution)  
 Datum: NAD 1927 (NADCON CONUS)  
 Ellipsoid: Clarke 1866  
 Zone: Utah Central 4302  
 North Reference: Grid  
 System Datum: Mean Sea Level  
 To convert a True Direction to a Grid Direction, Subtract 1.22°  
 To convert a Magnetic Direction to a True Direction, Add 10.37° East  
 To convert a Magnetic Direction to a Grid Direction, Add 9.15°

**Notice: Section Lines and Hardlines are estimates only and are subject to customer approval**

**STEWART PETROLEUM CORPORATION**

Well location, TUMBLEWEED #19-1, located as shown in the NE 1/4 SE 1/4 of Section 18, T15S, R21E, S.L.B.&M., Uintah County, Utah.

R  
22  
E

**T15S, R21E, S.L.B.&M.**

WEST - 5267.46' (G.L.O.)

**BASIS OF BEARINGS**

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

Lot 1

Lot 2

Lot 3

Lot 4

18

**TUMBLEWEED #19-1**

Elev. Graded Ground = 7224'

1920 Brass Cap,  
1.0' High, Pile  
of Stones

N00°03'W - 2640.00' (G.L.O.)

NOTE:  
THE PROPOSED BOTTOM HOLE FOR THIS WELL  
IS LOCATED IN THE NE 1/4 NE 1/4 OF SECTION  
19, T15S, R21E, S.L.B.&M. AT A DISTANCE OF  
249' FNL 559' FEL. IT BEARS S02°01'31"E  
2002.71' FROM THE PROPOSED WELL HEAD.

**BASIS OF ELEVATION**

TRIANGULATION STATION (WINTER) LOCATED IN THE NW 1/4 OF SECTION 25, T15S, R21E, S.L.B.&M. TAKEN FROM THE WOLF POINT QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 7462 FEET.



SCALE  
CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR  
REGISTRATION NO. 161319  
STATE OF UTAH

07-13-16

REV: 3 07-08-16 K.B. (NAME & BH CHANGE)

**UINTAH ENGINEERING & LAND SURVEYING**

85 SOUTH 200 EAST - VERNAL, UTAH 84078

(435) 789-1017

**LEGEND:**

└─┘ = 90° SYMBOL

● = PROPOSED WELL HEAD.

▲ = SECTION CORNERS LOCATED.

Bottom Hole  
89°43' (G.L.O.)

1920 Brass Cap,  
1.0' High, Pile of  
Stones

S00°01'40"E - 2646.66' (Meas.)

1753' (Comp.)

90°17' (G.L.O.)

89°43' (G.L.O.)

NAD 83 (TARGET BOTTOM HOLE)	NAD 83 (SURFACE LOCATION)
LATITUDE = 39°30'18.13" (39.505036)	LATITUDE = 39°30'37.90" (39.510528)
LONGITUDE = 109°36'06.80" (109.601889)	LONGITUDE = 109°36'07.73" (109.602147)
NAD 27 (TARGET BOTTOM HOLE)	NAD 27 (SURFACE LOCATION)
LATITUDE = 39°30'18.25" (39.505069)	LATITUDE = 39°30'38.03" (39.510564)
LONGITUDE = 109°36'04.33" (109.601203)	LONGITUDE = 109°36'05.26" (109.601461)

SCALE 1" = 1000'	DATE SURVEYED: 04-04-08	DATE DRAWN: 04-07-08
PARTY J.R. N.W. C.C.	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE STEWART PETROLEUM CORPORATION	

RECEIVED: Jul. 21, 2016

**Stewart Petroleum Corporation  
Tumbleweed 19-1**

**Surface: 1753' FSL & 629' FEL, NE/4 SE/4, Section 18, T15S, R21E, SLB&M (UTU-072059)**

**Target: 249' FNL & 559' FEL, NE/4 NE/4, Section 19, T15S, R21E, SLB&M (UTU-072018)**

**Uintah County, UT**

**Drilling Program**

<b>1. Formation Tops</b>	<b>MD</b>	<b>TVD</b>
Wasatch	1,975'	1,975'
Mesa Verde	3,983'	3,975'
Castlegate	5,802'	5,785'
Mancos	6,004'	5,986'
Dakota Silt	9,772'	9,735'
Cedar Mtn	9,973'	9,935'
Entrada	10,777'	10,735'
Wingate	11,410'	11,135'
TD	12,208'	12,000'

**2. Depth to Oil, Gas, Water, or Minerals**

Wasatch	1,975'	1,975'	oil and water
Mesa Verde	3,983'	3,975'	gas and water
Castlegate	5,802'	5,785'	gas and water
Mancos	6,004'	5,986'	gas and water
Dakota Silt	9,772'	9,735'	gas and water
Cedar Mtn	9,973'	9,935'	gas and water
Entrada	10,777'	10,735'	gas and water
Wingate	11,410'	11,135'	gas and water

Fresh water zones are not anticipated

**3. Pressure Control**

<u>Section</u>	<u>BOP Description</u>
Surface	12-1/4" diverter
Interm/Prod	The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc for a 5M system.  A 5M BOP system will consist of 2 ram preventers (double or two singles) and an annular preventer (see attached diagram). A choke manifold rated to at least 5,000 psi will be used.

**Stewart Petroleum Corporation  
Tumbleweed 19-1**

**Surface: 1753' FSL & 629' FEL, NE/4 SE/4, Section 18, T15S, R21E, SLB&M (UTU-072059)**

**Target: 249' FNL & 559' FEL, NE/4 NE/4, Section 19, T15S, R21E, SLB&M (UTU-072018)**

**Uintah County, UT**

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**3. Pressure Control**

<u>Section</u>	<u>BOP Description</u>
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#### 4. Casing

Description	Interval		Weight (ppf)	Grade	Coupl	Pore Press @ Shoe	MW @ Shoe	Frac Grad @ Shoe	Safety Factors		
	Top	Bottom							Burst	Collapse	Tension
Conductor 13 3/8	0'	60'	48	H-40	STC	--	--	--	1,730	770	322,000
									--	--	--
Surface 9 5/8	0'	2,000'	36	K-55	STC	8.33	8.6	11	2,950	1,370	244,000
									2.90	2.06	3.39
Production 5 1/2	0'	10,000'	17	N-80	LTC	1370	9.5	11	4,810	4,040	217,000
									0.94	1.07	1.28
Production 5 1/2	10,000'	12,208'	17	P-110	LTC	9	9.5	11	4,810	4,040	217,000
									1.07	0.84	1.05

#### Assumptions:

Surface casing MASP = (frac gradient + 1.0 ppg) - (gas gradient)

Intermediate casing MASP = (reservoir pressure) - (gas gradient)

Production casing MASP = (reservoir pressure) - (gas gradient)

All collapse calculations assume fully evacuated casing with a gas gradient

All tension calculations assume air weight of casing

Gas gradient = 0.1 psi/ft

All casing shall be new.

All casing strings shall have a minimum of 1 centralizer on each of the bottom 3 joints.

#### 5. Cement

Job	Hole Size	Fill	Slurry Description	ft <sup>3</sup>	OH excess	Weight (ppg)	Yield (ft <sup>3</sup> /sk)
				sacks			
Conductor	20	60'	Class G w/ 2% KCl + 0.25 lbs/sk Cello Flake	83	15%	15.8	1.17
				71			
Surface Lead	12 1/4	1,500'	HiFill with 0.125 lbm/sk Poly E-Flake	940	100%	11.6	3.12
				301			
Surface Tail	12 1/4	500'	Class G with 2%CaCl & 0.125 lbm/sk Poly E-Flake	654	100%	15.8	1.17
				559			
Production Lead	7 7/8	3,300'	50/50 Poz with 5lbs/sk silicalite	715	25%	11.0	3.82
				187			
Production Tail	7 7/8	8,908'	50/50 Poz with 5lbs/sk silicalite	3767	25%	14.3	1.47
				2562			

The surface casing will be cemented to surface. In the event that cement does not reach surface during the primary cement job, a remedial job will be performed.

Actual cement volumes for the production casing string will be calculated from an open hole caliper log, plus 25% excess.

## 6. Type and Characteristics of Proposed Circulating Medium

<u>Interval</u>	<u>Description</u>
Surface - 2,000'	An air and/or fresh water system will be utilized.
2,000' - TD	A water based mud system will be utilized. Hole stability may be improved with additions of KCl or a similar inhibitive substance. In order to control formation pressure the system will be weighted with additions of bentonite, and if conditions warrant, with barite. Anticipated maximum mud weight is 9.5 ppg.

## 7. Logging, Coring, and Testing

Logging: A dual induction, gamma ray, and caliper log will be run from TD to the base of the surface casing. A compensated neutron/formation density log will be run from TD to the top of the Garden Gulch formation. A cement bond log will be run from PBTD to the cement top behind the production casing.

Cores: As deemed necessary.

DST: There are no DST's planned for this well.

## 8. Anticipated Abnormal Pressure or Temperature

Maximum anticipated bottomhole pressure will be approximately equal to total depth (feet) multiplied by a 0.47 psi/ft gradient.

$$12,208' \times 0.47 \text{ psi/ft} = 5713 \text{ psi}$$

No abnormal temperature is expected. No H<sub>2</sub>S is expected.

## 9. Other Aspects

This is planned as a directional well.

Variance Request for FIT Requirements:

Stewart Petroleum Corporation respectfully requests a variance to Onshore Order 2, Section III, Part Bi, for the Pressure integrity test (PIT, also known as a formation integrity test (FIT)). This well is not an exploratory well and is being drilled in an area where the formation integrity is well known. Additionally, when an FIT is run with the mud weight as required, the casing shoe frequently breaks down and causes subsequent lost circulation when drilling the entire depth of the well.

Variance Request for Air Drilling Requirements:

Stewart Petroleum Corporation respectfully requests a variance to Onshore Order #2, III.E.1

- Dust suppression equipment. Variance granted for water mist system to substitute for the dust suppression equipment.

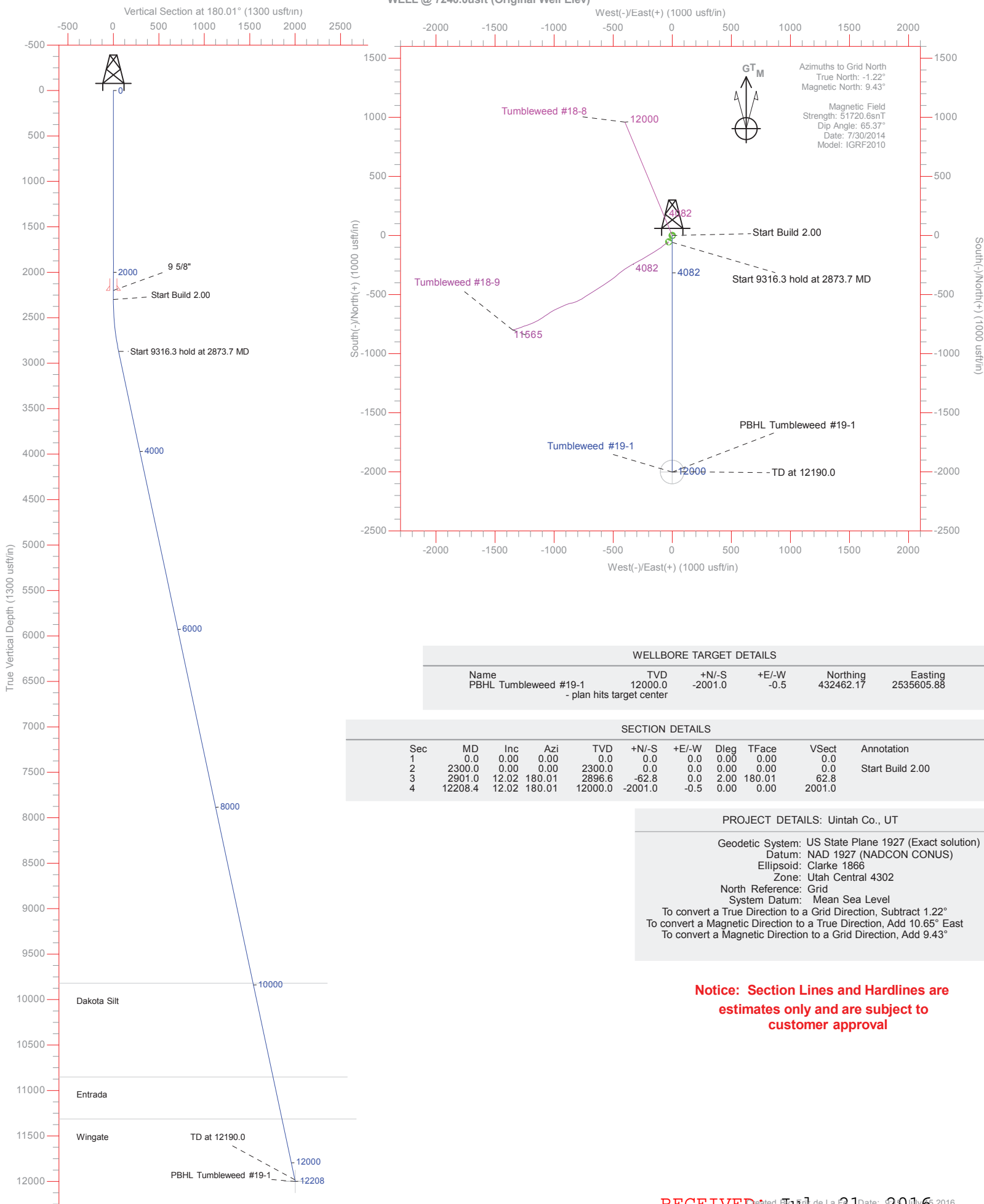
- Blooie line discharge 100' from the well bore. Variance granted for blooie line discharge to be 75' from the well bore.
- Compressors located in the opposite direction from the blooie line a minimum of 100' from the wellbore. Variance granted for truck/trailer mounted air compressors.
- Straight run blooie line. Variance granted for targeted "T's" at bends.
- Automatic igniter. Variance granted for igniter due to water mist.
- Air drilling operations will be conducted only during drilling of the surface casing hole, there is no history of hydrocarbons being encountered in this hole section in the area where these wells are to be drilled.





Plan: Design #1 (Tumbleweed #19-1/Wellbore #1)  
 WELL @ 7240.0usft (Original Well Elev)

Vertical Section at 180.01° (1300 usft/in)



**Notice: Section Lines and Hardlines are estimates only and are subject to customer approval**



## Gyrodatab Inc.

## Planning Report

<b>Database:</b>	Gyrodatab NWDB	<b>Local Co-ordinate Reference:</b>	Well Tumbleweed #19-1
<b>Company:</b>	Stewart Petroleum Corp.	<b>TVD Reference:</b>	WELL @ 7240.0usft (Original Well Elev)
<b>Project:</b>	Uintah Co., UT	<b>MD Reference:</b>	WELL @ 7240.0usft (Original Well Elev)
<b>Site:</b>	Sec.18 - T15S - R21E	<b>North Reference:</b>	Grid
<b>Well:</b>	Tumbleweed #19-1	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Design #1		

<b>Project</b>	Uintah Co., UT		
<b>Map System:</b>	US State Plane 1927 (Exact solution)	<b>System Datum:</b>	Mean Sea Level
<b>Geo Datum:</b>	NAD 1927 (NADCON CONUS)		
<b>Map Zone:</b>	Utah Central 4302		

Site		Sec.18 - T15S - R21E			
Site Position:		Northing:	434,409.96 usft	Latitude:	39° 30' 37.510 N
From:	Lat/Long	Easting:	2,535,576.96 usft	Longitude:	109° 36' 5.650 W
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "	Grid Convergence:	1.22

Well	Tumbleweed #19-1					
Well Position	+N/-S	53.2 usft	Northing:	434,463.20 usft	Latitude:	39° 30' 38.030 N
	+E/-W	29.4 usft	Easting:	2,535,606.40 usft	Longitude:	109° 36' 5.260 W
Position Uncertainty		0.0 usft	Wellhead Elevation:	0.0 usft	Ground Level:	7,225.0 usft

<b>Wellbore</b>	Wellbore #1				
<b>Magnetics</b>	<b>Model Name</b>	<b>Sample Date</b>	<b>Declination (°)</b>	<b>Dip Angle (°)</b>	<b>Field Strength (nT)</b>
	IGRF2010	7/30/2014	10.65	65.37	51,721

<b>Design</b>	Design #1			
<b>Audit Notes:</b>				
<b>Version:</b>	<b>Phase:</b>	PLAN	<b>Tie On Depth:</b>	0.0
<b>Vertical Section:</b>	<b>Depth From (TVD) (usft)</b>	<b>+N/-S (usft)</b>	<b>+E/-W (usft)</b>	<b>Direction (°)</b>
	0.0	0.0	0.0	180.01

<b>Plan Sections</b>										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
2,300.0	0.00	0.00	2,300.0	0.0	0.0	0.00	0.00	0.00	0.00	
2,901.0	12.02	180.01	2,896.6	-62.8	0.0	2.00	2.00	0.00	180.01	
12,208.4	12.02	180.01	12,000.0	-2,001.0	-0.5	0.00	0.00	0.00	0.00	PBHL Tumbleweed #'



## Gyrodata Inc.

## Planning Report

<b>Database:</b>	Gyrodata NWDB	<b>Local Co-ordinate Reference:</b>	Well Tumbleweed #19-1
<b>Company:</b>	Stewart Petroleum Corp.	<b>TVD Reference:</b>	WELL @ 7240.0usft (Original Well Elev)
<b>Project:</b>	Uintah Co., UT	<b>MD Reference:</b>	WELL @ 7240.0usft (Original Well Elev)
<b>Site:</b>	Sec.18 - T15S - R21E	<b>North Reference:</b>	Grid
<b>Well:</b>	Tumbleweed #19-1	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Design #1		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00
700.0	0.00	0.00	700.0	0.0	0.0	0.0	0.00	0.00	0.00
800.0	0.00	0.00	800.0	0.0	0.0	0.0	0.00	0.00	0.00
900.0	0.00	0.00	900.0	0.0	0.0	0.0	0.00	0.00	0.00
1,000.0	0.00	0.00	1,000.0	0.0	0.0	0.0	0.00	0.00	0.00
1,100.0	0.00	0.00	1,100.0	0.0	0.0	0.0	0.00	0.00	0.00
1,200.0	0.00	0.00	1,200.0	0.0	0.0	0.0	0.00	0.00	0.00
1,300.0	0.00	0.00	1,300.0	0.0	0.0	0.0	0.00	0.00	0.00
1,400.0	0.00	0.00	1,400.0	0.0	0.0	0.0	0.00	0.00	0.00
1,500.0	0.00	0.00	1,500.0	0.0	0.0	0.0	0.00	0.00	0.00
1,600.0	0.00	0.00	1,600.0	0.0	0.0	0.0	0.00	0.00	0.00
1,700.0	0.00	0.00	1,700.0	0.0	0.0	0.0	0.00	0.00	0.00
1,800.0	0.00	0.00	1,800.0	0.0	0.0	0.0	0.00	0.00	0.00
1,900.0	0.00	0.00	1,900.0	0.0	0.0	0.0	0.00	0.00	0.00
2,000.0	0.00	0.00	2,000.0	0.0	0.0	0.0	0.00	0.00	0.00
2,100.0	0.00	0.00	2,100.0	0.0	0.0	0.0	0.00	0.00	0.00
2,200.0	0.00	0.00	2,200.0	0.0	0.0	0.0	0.00	0.00	0.00
9 5/8"									
2,300.0	0.00	0.00	2,300.0	0.0	0.0	0.0	0.00	0.00	0.00
Start Build 2.00									
2,400.0	2.00	180.01	2,400.0	-1.7	0.0	1.7	2.00	2.00	0.00
2,500.0	4.00	180.01	2,499.8	-7.0	0.0	7.0	2.00	2.00	0.00
2,600.0	6.00	180.01	2,599.5	-15.7	0.0	15.7	2.00	2.00	0.00
2,700.0	8.00	180.01	2,698.7	-27.9	0.0	27.9	2.00	2.00	0.00
2,800.0	10.00	180.01	2,797.5	-43.5	0.0	43.5	2.00	2.00	0.00
2,873.7	11.47	180.01	2,869.8	-57.2	0.0	57.2	2.00	2.00	0.00
Start 9316.3 hold at 2873.7 MD									
2,900.0	12.00	180.01	2,895.6	-62.6	0.0	62.6	2.00	2.00	0.00
2,901.0	12.02	180.01	2,896.6	-62.8	0.0	62.8	2.00	2.00	0.00
3,000.0	12.02	180.01	2,993.4	-83.4	0.0	83.4	0.00	0.00	0.00
3,100.0	12.02	180.01	3,091.2	-104.3	0.0	104.3	0.00	0.00	0.00
3,200.0	12.02	180.01	3,189.0	-125.1	0.0	125.1	0.00	0.00	0.00
3,300.0	12.02	180.01	3,286.9	-145.9	0.0	145.9	0.00	0.00	0.00
3,400.0	12.02	180.01	3,384.7	-166.7	0.0	166.7	0.00	0.00	0.00
3,500.0	12.02	180.01	3,482.5	-187.5	0.0	187.5	0.00	0.00	0.00
3,600.0	12.02	180.01	3,580.3	-208.4	-0.1	208.4	0.00	0.00	0.00
3,700.0	12.02	180.01	3,678.1	-229.2	-0.1	229.2	0.00	0.00	0.00
3,800.0	12.02	180.01	3,775.9	-250.0	-0.1	250.0	0.00	0.00	0.00
3,900.0	12.02	180.01	3,873.7	-270.8	-0.1	270.8	0.00	0.00	0.00
4,000.0	12.02	180.01	3,971.5	-291.7	-0.1	291.7	0.00	0.00	0.00
4,100.0	12.02	180.01	4,069.3	-312.5	-0.1	312.5	0.00	0.00	0.00
4,200.0	12.02	180.01	4,167.1	-333.3	-0.1	333.3	0.00	0.00	0.00
4,300.0	12.02	180.01	4,264.9	-354.1	-0.1	354.1	0.00	0.00	0.00
4,400.0	12.02	180.01	4,362.7	-375.0	-0.1	375.0	0.00	0.00	0.00
4,500.0	12.02	180.01	4,460.5	-395.8	-0.1	395.8	0.00	0.00	0.00
4,600.0	12.02	180.01	4,558.4	-416.6	-0.1	416.6	0.00	0.00	0.00
4,700.0	12.02	180.01	4,656.2	-437.4	-0.1	437.4	0.00	0.00	0.00



## Gyrodatab Inc.

## Planning Report

<b>Database:</b>	Gyrodatab NWDB	<b>Local Co-ordinate Reference:</b>	Well Tumbleweed #19-1
<b>Company:</b>	Stewart Petroleum Corp.	<b>TVD Reference:</b>	WELL @ 7240.0usft (Original Well Elev)
<b>Project:</b>	Uintah Co., UT	<b>MD Reference:</b>	WELL @ 7240.0usft (Original Well Elev)
<b>Site:</b>	Sec.18 - T15S - R21E	<b>North Reference:</b>	Grid
<b>Well:</b>	Tumbleweed #19-1	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Design #1		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
4,800.0	12.02	180.01	4,754.0	-458.3	-0.1	458.3	0.00	0.00	0.00
4,900.0	12.02	180.01	4,851.8	-479.1	-0.1	479.1	0.00	0.00	0.00
5,000.0	12.02	180.01	4,949.6	-499.9	-0.1	499.9	0.00	0.00	0.00
5,100.0	12.02	180.01	5,047.4	-520.7	-0.1	520.7	0.00	0.00	0.00
5,200.0	12.02	180.01	5,145.2	-541.6	-0.1	541.6	0.00	0.00	0.00
5,300.0	12.02	180.01	5,243.0	-562.4	-0.1	562.4	0.00	0.00	0.00
5,400.0	12.02	180.01	5,340.8	-583.2	-0.2	583.2	0.00	0.00	0.00
5,500.0	12.02	180.01	5,438.6	-604.0	-0.2	604.0	0.00	0.00	0.00
5,600.0	12.02	180.01	5,536.4	-624.9	-0.2	624.9	0.00	0.00	0.00
5,700.0	12.02	180.01	5,634.2	-645.7	-0.2	645.7	0.00	0.00	0.00
5,800.0	12.02	180.01	5,732.0	-666.5	-0.2	666.5	0.00	0.00	0.00
5,900.0	12.02	180.01	5,829.9	-687.3	-0.2	687.3	0.00	0.00	0.00
6,000.0	12.02	180.01	5,927.7	-708.2	-0.2	708.2	0.00	0.00	0.00
6,100.0	12.02	180.01	6,025.5	-729.0	-0.2	729.0	0.00	0.00	0.00
6,200.0	12.02	180.01	6,123.3	-749.8	-0.2	749.8	0.00	0.00	0.00
6,300.0	12.02	180.01	6,221.1	-770.6	-0.2	770.6	0.00	0.00	0.00
6,400.0	12.02	180.01	6,318.9	-791.5	-0.2	791.5	0.00	0.00	0.00
6,500.0	12.02	180.01	6,416.7	-812.3	-0.2	812.3	0.00	0.00	0.00
6,600.0	12.02	180.01	6,514.5	-833.1	-0.2	833.1	0.00	0.00	0.00
6,700.0	12.02	180.01	6,612.3	-853.9	-0.2	853.9	0.00	0.00	0.00
6,800.0	12.02	180.01	6,710.1	-874.8	-0.2	874.8	0.00	0.00	0.00
6,900.0	12.02	180.01	6,807.9	-895.6	-0.2	895.6	0.00	0.00	0.00
7,000.0	12.02	180.01	6,905.7	-916.4	-0.2	916.4	0.00	0.00	0.00
7,100.0	12.02	180.01	7,003.5	-937.2	-0.2	937.2	0.00	0.00	0.00
7,200.0	12.02	180.01	7,101.4	-958.1	-0.3	958.1	0.00	0.00	0.00
7,300.0	12.02	180.01	7,199.2	-978.9	-0.3	978.9	0.00	0.00	0.00
7,400.0	12.02	180.01	7,297.0	-999.7	-0.3	999.7	0.00	0.00	0.00
7,500.0	12.02	180.01	7,394.8	-1,020.5	-0.3	1,020.5	0.00	0.00	0.00
7,600.0	12.02	180.01	7,492.6	-1,041.4	-0.3	1,041.4	0.00	0.00	0.00
7,700.0	12.02	180.01	7,590.4	-1,062.2	-0.3	1,062.2	0.00	0.00	0.00
7,800.0	12.02	180.01	7,688.2	-1,083.0	-0.3	1,083.0	0.00	0.00	0.00
7,900.0	12.02	180.01	7,786.0	-1,103.8	-0.3	1,103.8	0.00	0.00	0.00
8,000.0	12.02	180.01	7,883.8	-1,124.6	-0.3	1,124.6	0.00	0.00	0.00
8,100.0	12.02	180.01	7,981.6	-1,145.5	-0.3	1,145.5	0.00	0.00	0.00
8,200.0	12.02	180.01	8,079.4	-1,166.3	-0.3	1,166.3	0.00	0.00	0.00
8,300.0	12.02	180.01	8,177.2	-1,187.1	-0.3	1,187.1	0.00	0.00	0.00
8,400.0	12.02	180.01	8,275.0	-1,207.9	-0.3	1,207.9	0.00	0.00	0.00
8,500.0	12.02	180.01	8,372.9	-1,228.8	-0.3	1,228.8	0.00	0.00	0.00
8,600.0	12.02	180.01	8,470.7	-1,249.6	-0.3	1,249.6	0.00	0.00	0.00
8,700.0	12.02	180.01	8,568.5	-1,270.4	-0.3	1,270.4	0.00	0.00	0.00
8,800.0	12.02	180.01	8,666.3	-1,291.2	-0.3	1,291.2	0.00	0.00	0.00
8,900.0	12.02	180.01	8,764.1	-1,312.1	-0.3	1,312.1	0.00	0.00	0.00
9,000.0	12.02	180.01	8,861.9	-1,332.9	-0.3	1,332.9	0.00	0.00	0.00
9,100.0	12.02	180.01	8,959.7	-1,353.7	-0.4	1,353.7	0.00	0.00	0.00
9,200.0	12.02	180.01	9,057.5	-1,374.5	-0.4	1,374.5	0.00	0.00	0.00
9,300.0	12.02	180.01	9,155.3	-1,395.4	-0.4	1,395.4	0.00	0.00	0.00
9,400.0	12.02	180.01	9,253.1	-1,416.2	-0.4	1,416.2	0.00	0.00	0.00
9,500.0	12.02	180.01	9,350.9	-1,437.0	-0.4	1,437.0	0.00	0.00	0.00
9,600.0	12.02	180.01	9,448.7	-1,457.8	-0.4	1,457.8	0.00	0.00	0.00
9,700.0	12.02	180.01	9,546.5	-1,478.7	-0.4	1,478.7	0.00	0.00	0.00
9,800.0	12.02	180.01	9,644.4	-1,499.5	-0.4	1,499.5	0.00	0.00	0.00
9,900.0	12.02	180.01	9,742.2	-1,520.3	-0.4	1,520.3	0.00	0.00	0.00
9,979.6	12.02	180.01	9,820.0	-1,536.9	-0.4	1,536.9	0.00	0.00	0.00
Dakota Silt									



## Gyrodatab Inc.

## Planning Report

<b>Database:</b>	Gyrodatab NWDB	<b>Local Co-ordinate Reference:</b>	Well Tumbleweed #19-1
<b>Company:</b>	Stewart Petroleum Corp.	<b>TVD Reference:</b>	WELL @ 7240.0usft (Original Well Elev)
<b>Project:</b>	Uintah Co., UT	<b>MD Reference:</b>	WELL @ 7240.0usft (Original Well Elev)
<b>Site:</b>	Sec.18 - T15S - R21E	<b>North Reference:</b>	Grid
<b>Well:</b>	Tumbleweed #19-1	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Design #1		

Planned Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
10,000.0	12.02	180.01	9,840.0	-1,541.1	-0.4	1,541.1	0.00	0.00	0.00	
10,100.0	12.02	180.01	9,937.8	-1,562.0	-0.4	1,562.0	0.00	0.00	0.00	
10,200.0	12.02	180.01	10,035.6	-1,582.8	-0.4	1,582.8	0.00	0.00	0.00	
10,300.0	12.02	180.01	10,133.4	-1,603.6	-0.4	1,603.6	0.00	0.00	0.00	
10,400.0	12.02	180.01	10,231.2	-1,624.4	-0.4	1,624.4	0.00	0.00	0.00	
10,500.0	12.02	180.01	10,329.0	-1,645.3	-0.4	1,645.3	0.00	0.00	0.00	
10,600.0	12.02	180.01	10,426.8	-1,666.1	-0.4	1,666.1	0.00	0.00	0.00	
10,700.0	12.02	180.01	10,524.6	-1,686.9	-0.4	1,686.9	0.00	0.00	0.00	
10,800.0	12.02	180.01	10,622.4	-1,707.7	-0.4	1,707.7	0.00	0.00	0.00	
10,900.0	12.02	180.01	10,720.2	-1,728.6	-0.5	1,728.6	0.00	0.00	0.00	
11,000.0	12.02	180.01	10,818.0	-1,749.4	-0.5	1,749.4	0.00	0.00	0.00	
11,034.7	12.02	180.01	10,852.0	-1,756.6	-0.5	1,756.6	0.00	0.00	0.00	
Entrada										
11,100.0	12.02	180.01	10,915.9	-1,770.2	-0.5	1,770.2	0.00	0.00	0.00	
11,200.0	12.02	180.01	11,013.7	-1,791.0	-0.5	1,791.0	0.00	0.00	0.00	
11,300.0	12.02	180.01	11,111.5	-1,811.9	-0.5	1,811.9	0.00	0.00	0.00	
11,400.0	12.02	180.01	11,209.3	-1,832.7	-0.5	1,832.7	0.00	0.00	0.00	
11,500.0	12.02	180.01	11,307.1	-1,853.5	-0.5	1,853.5	0.00	0.00	0.00	
11,507.1	12.02	180.01	11,314.0	-1,855.0	-0.5	1,855.0	0.00	0.00	0.00	
Wingate										
11,600.0	12.02	180.01	11,404.9	-1,874.3	-0.5	1,874.3	0.00	0.00	0.00	
11,700.0	12.02	180.01	11,502.7	-1,895.2	-0.5	1,895.2	0.00	0.00	0.00	
11,800.0	12.02	180.01	11,600.5	-1,916.0	-0.5	1,916.0	0.00	0.00	0.00	
11,900.0	12.02	180.01	11,698.3	-1,936.8	-0.5	1,936.8	0.00	0.00	0.00	
12,000.0	12.02	180.01	11,796.1	-1,957.6	-0.5	1,957.6	0.00	0.00	0.00	
12,100.0	12.02	180.01	11,893.9	-1,978.5	-0.5	1,978.5	0.00	0.00	0.00	
12,190.0	12.02	180.01	11,981.9	-1,997.2	-0.5	1,997.2	0.00	0.00	0.00	
TD at 12190.0										
12,200.0	12.02	180.01	11,991.7	-1,999.3	-0.5	1,999.3	0.00	0.00	0.00	
12,208.4	12.02	180.01	12,000.0	-2,001.0	-0.5	2,001.0	0.00	0.00	0.00	

Design Targets										
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude	
- hit/miss target										
- Shape										
PBHL Tumbleweed #19- - plan hits target center - Circle (radius 100.0)	0.00	0.00	12,000.0	-2,001.0	-0.5	432,462.17	2,535,605.88	39° 30' 18.256 N	109° 36' 5.809 W	

Casing Points					
Measured Depth (usft)	Vertical Depth (usft)	Name	Casing Diameter (")	Hole Diameter (")	
2,200.0	2,200.0	9 5/8"	9-5/8	12-1/4	



## Gyrodata Inc.

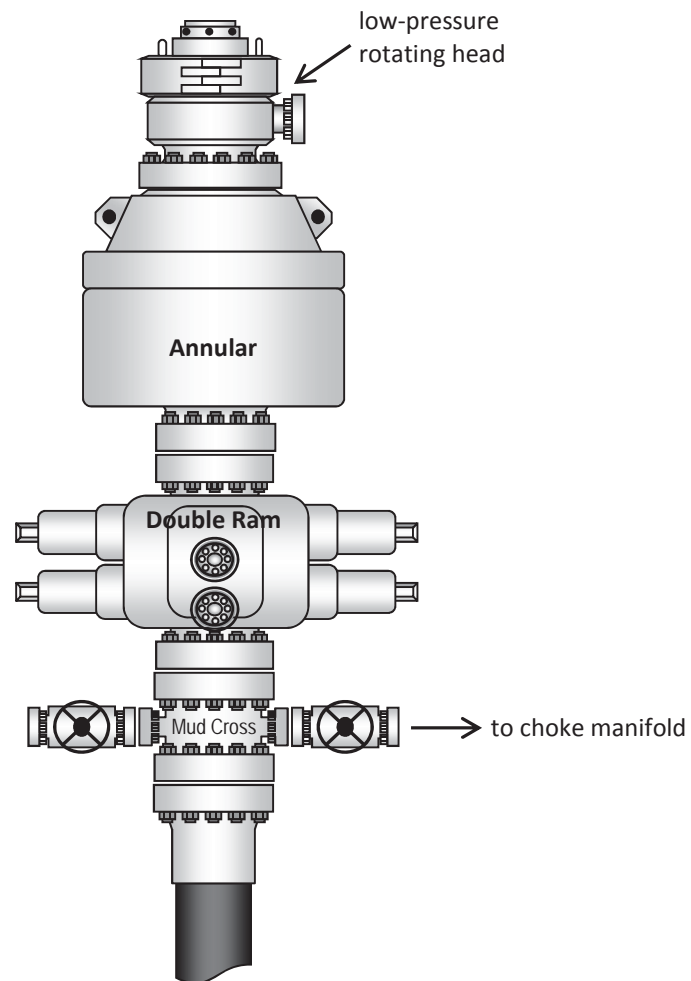
## Planning Report

<b>Database:</b>	Gyrodata NWDB	<b>Local Co-ordinate Reference:</b>	Well Tumbleweed #19-1
<b>Company:</b>	Stewart Petroleum Corp.	<b>TVD Reference:</b>	WELL @ 7240.0usft (Original Well Elev)
<b>Project:</b>	Uintah Co., UT	<b>MD Reference:</b>	WELL @ 7240.0usft (Original Well Elev)
<b>Site:</b>	Sec.18 - T15S - R21E	<b>North Reference:</b>	Grid
<b>Well:</b>	Tumbleweed #19-1	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Design #1		

Formations					
Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)
9,979.6	9,820.0	Dakota Silt		0.00	
11,034.7	10,852.0	Entrada		0.00	
11,507.1	11,314.0	Wingate		0.00	

Plan Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates			
		+N/-S (usft)	+E/-W (usft)	Comment	
2,300.0	2,300.0	0.0	0.0	Start Build 2.00	
2,873.7	2,869.8	-57.2	0.0	Start 9316.3 hold at 2873.7 MD	
12,190.0	11,981.9	-1,997.2	-0.5	TD at 12190.0	

### Typical 5M BOP stack configuration







2580 Creekview Road  
Moab, Utah 84532  
435/650-3866

July 18, 2016

Diana Mason  
State of Utah  
Division of Oil Gas and Mining  
P.O. Box 145801  
Salt Lake City, Utah 84114-5801

RE: Request for Exception to Spacing – Stewart Petroleum Corporation – **Tumbleweed 19-1**  
*Surface:* 1753' FSL & 629' FEL, NE/4 SE/4, Section 18, T15S, R21E, SLB&M  
*Target:* 249' FNL & 559' FEL, NE/4 NE/4, Section 19, T15S, R21E, SLB&M  
Uintah County, Utah

Dear Diana:

Stewart Petroleum Corporation respectfully submits this request for exception to spacing (R649-3-11) based on topography since the well bore path is located less than 460 feet to the drilling unit boundary. Stewart Petroleum Corporation is the only owner and operator within 460' of the surface and target location as well as all points along the intended well bore path and are not within 460 feet of any uncommitted tracts or a unit boundary.

Thank you very much for your timely consideration of this application. Please feel free to contact me at 435-719-2018 if you have any questions or need additional information.

Sincerely,

A handwritten signature in blue ink that reads "Don Hamilton".

Don Hamilton  
Agent for Stewart Petroleum Corporation

cc: Daryl R. Stewart, Stewart Petroleum Corporation

RECEIVED: Jul. 21, 2016